

HORIZON EUROPE CALLS 2023/2024

CLUSTER 2 CULTURE, CREATIVITY AND INCLUSIVE SOCIETY

NTNU IN EUROPE: LIST OF CALLS WITH THEIR
RESPECTIVE INTERESTED NTNU RESEARCHERS



 NTNU

Produced by: NTNU Brussels office, SU faculty,
HF faculty, ØK Faculty and NTNU University Museum

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INTRODUCTION



Dear Reader,

Are you looking for the best researchers with whom to collaborate on Horizon Europe cluster 2 calls? Then please, read on.

At NTNU, the Norwegian University of Science and Technology, we have matched our researchers to the upcoming Horizon Europe 2023/2024 calls, based on both their expertise and the industry relations they can bring to the table.

As the largest university in Norway, we can be a powerful partner and collaborator. With more than 85 funded projects, of which 53 are already signed (accounting for more than € 32 million in funding) at the time of writing, we are setting even more ambitious targets for Horizon Europe 2023/2024 and going forward.

This document is one of six prospectuses that outline areas of expertise for - and of interest to - NTNU researchers, for each of the upcoming six clusters of Horizon Europe.

They are living documents. Even if you do not find an exact match, our research community would be thrilled to open a collaborative dialogue with you. Just ping a message to one of our institutional contact points, like NTNU's Brussels Office.

Together, we can create true "knowledge for a better world"

Tor Grande

Pro-rector of Research



KNOWLEDGE FOR A BETTER WORLD

Knowledge provides people with opportunities and influence, as well as a foundation for making wise choices. Knowledge inspires and challenges. It changes attitudes, mindsets, and how we perceive the world around us. Informed debate strengthens our democracy. NTNU's activities should benefit society as a whole and society can trust that our findings comply with best scientific practice.

Knowledge and technology development create opportunities for increasing sustainable value creation and finding answers to major challenges. Through the United Nations, the world has agreed on 17 Sustainable Development Goals. NTNU will contribute actively towards achieving the Sustainable Development Goals.

NTNU's strength is our competence in science and technology combined with academic breadth and interdisciplinarity.

ABOUT NTNU



NTNU is a university with an international focus, with headquarters in Trondheim and campuses in Ålesund and Gjøvik. NTNU has a main profile in science and technology, a variety of programmes of professional study, and great academic breadth, including medicine, architecture, and entrepreneurship.

KEY NUMBERS FOR 2022

NOK 10 billion
annual budget

44 170
students

7761
FTE

412
doctoral degrees

NTNU offers 397 programmes of study (2022), as well as continuing and further education. The university has the main responsibility for higher education in technology in Norway, and largest in engineering, teacher education and architecture. NTNU aims to be a national hub in programmes of professional study.

NTNU is the institution awarded the most funding from the Research Council in Norway, as well as being granted with 255 signed projects and a total funding of more than €141 million from Horizon 2020. Moreover, NTNU is a host or partner for 46 major research centers (SFF, SFI, and FME), and has internal initiatives to develop and recruit top researchers.

In Horizon Europe (HEU) - as of March 2023 - NTNU has 97 funded projects, of which 77 are already signed (accounting for more than € 46 million in funding), positioning NTNU among the top HEU Norwegian actors, and among the top 10 actors within the European Higher Education Sector in HEU.

Beyond its science and technology profile, NTNU covers a broad range of social science and humanities (SSH) disciplines including sociology, political science, education, psychology, economics, history, cultural sciences and the arts. Researchers from SSH disciplines have successfully addressed societal issues and contributed to social innovation through involvement in more than 30 HEU projects so far, presenting NTNU as promising and strong partner in future European collaborations in all Global Challenge clusters under Horizon Europe.

From 2014-2023, NTNU has identified several strategic research areas and enabling technologies:

NTNU Energy



NTNU Health



NTNU Oceans



NTNU Sustainability



NTNU
BIOTECHNOLOGY



NTNU
DIGITAL



NTNU
NANO

NTNU BRUSSELS OFFICE



The NTNU Brussels Office represents NTNU in Brussels, provides strategic advice on European policies, promotes NTNU positions, manages or participates in strategic networks and initiatives in Brussels, and provides professional services to the NTNU community based on its Brussels presence

The office represents both «the door to NTNU» for organizations that want to collaborate and create synergies with NTNU, and «the door to Europe» for colleague active in or willing to enter the European Arena.

NTNU opened the doors to its Brussels Office in 2015 and today the staff consists of four people, Director Massimo Busuoli, one senior adviser and two trainees.

The office activities and services include the following:

- Promotion and representation of NTNU in Brussels
- Positioning of NTNU in relevant Brussels-based initiatives and bodies
- Contribution to improve NTNU's EU project portfolio
- Provide internship opportunities for NTNU employees and students
- Provision of logistic support and services in Brussels



FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES (SU)

In line with its vision Knowledge for a better Society, the [Faculty of Social and Educational Sciences](#) contributes to public debate and societal development by identifying and defining key societal issues. The faculty encompass a wide range of SSH (Social Sciences and Humanities) disciplines and is organised into seven departments – Teacher Education, Education and Life-Long Learning, Sociology and Political Science, Psychology, Geography, Social Work, and Social Anthropology. The faculty had about 475 permanent scientific staff (10% of NTNU total), 8,600 enrolled students (20%) and a PhD production of 38 candidates (10%) in year 2020, thus emphasizing the faculty's role and importance within the organisation with regard to scientific impact and educational output.

The faculty's disciplines develop insight and provide perspectives on the relationships between the individual, society, natural sciences and technology. The faculty has a strong commitment to contribute to democratic development and lifelong processes in learning, education and formative self-development, which is reflected by a large degree of involvement of actors in the public sector, governmental organisations, NGOs and companies in both research and education collaborations.

Research at SU Faculty

Interdisciplinarity and internationalisation are at the core of the faculty's priority areas. Research at the Faculty represents a unique combination of social sciences, humanities and natural sciences, facilitating interdisciplinary collaboration both within NTNU, at the national and international level. Since the launch of the H2020 framework program in 2014, the participation in EU projects and networks has steadily increased. Today, researchers are involved in 18 on-going H2020 projects, of which 5 coordinated by the faculty. Research activities within H2020 cover a broad range of thematic areas and fields:

- Energy, policy and behaviour ([SMARTEES](#), [ECHOES](#), [ENCHANT](#), [ENTRANCES](#), [SENDER](#), [CAMPAIGNers](#), [ACCTING](#), [IMMERSAFE](#))
- Sustainability and environmental sciences ([CityxChange](#), [EIT RawMaterials](#), RAINFOREST, CircoMod, PURPES)
- Citizen science and democracy ([RECONNECT](#), [ISEED](#), [LEGACIES](#), INCITE-DEM)
- Health ([H-WORK](#), [UPRIGHT](#), GUIDEPREP, BEST-COST)
- Psychology, learning and educational sciences ([AIM COACH](#), [MOST](#), [MaTeK](#))

Moreover, the faculty has capacity and outstanding expertise in pedagogy and the educational sciences, which is underscored by participation in 19 on-going Erasmus+ projects, of which 6 are coordinated, thus establishing the faculty not only as a key player in Norway, but also as a strong partner in future European collaborations.



A vertical image on the left side of the page shows a hand pointing at a detailed historical illustration in an open book. The illustration depicts a scene with several figures, possibly a battle or a significant event. The book's pages are aged and yellowed. The background is slightly blurred, showing a wooden chair and a blue wall.

FACULTY OF HUMANITIES (HF)

The Faculty of Humanities at NTNU aims at being Norway's best environment for challenge-driven and action-oriented research in the humanities. Our particular strength lies in understanding the relationships between humans, culture, society, nature and technology.

The Faculty of Humanities' research spans from basic research within philosophy, via history, archaeology, cultural heritage management, arts and literature, to applied research in fields as languages and linguistics. Our faculty is also hosting environments that work with climate change and artistic development of high international quality.

Our disciplines are an important part of NTNU as a multidisciplinary university and for realizing the vision of knowledge for a better world. The disciplines provide a broad understanding of the cultural dimensions in societal development and offer insight into the management of our cultural heritage. The academic environments contribute the knowledge needed to solve society's major challenges and to realize the UN's Sustainable Development Goals.

Humanistic research at NTNU explores a wide range of thematic areas, including both a basic research approach to develop new ideas and phenomena for understanding the world, as well as applied research approaches addressing societal challenges. Researchers contribute to national and international inter-, multi- and transdisciplinary research by providing their expertise in SSH.

Research at Faculty of Humanities

These are the on-going Horizon 2020 & Horizon Europe projects that our researchers are contributing with their expertise research areas.

- Arts and heritage studies ([RevolutionaryOpScan](#))
- Democracy, Integration, cultural diversity and understanding ([ISEED](#), [REDEMOS](#), [EASYRIGHTS](#))
- Digitalisation and artificial intelligence ([BIAS](#), [Robotics4EU](#))
- Energy, climate and environment research ([ARV](#), [iclimabuilt](#), [SENDER](#), [SSH-Centre](#), [MidWay](#))
- Gender and ethics analysis (STOP-IT)
- Language learning and processing ([SellSTEM](#), [e-LADDA](#), [NNLPP](#))
- Responsible research and innovation ([ETHNA](#), [ATLANTIS](#))

Research at HF Faculty

Department of Historical and Classical Studies

specialized in European integration, cultural heritage management and museology, classical civilization and classical studies, history, and archeology.

Researchers at the Department of Modern History and Society focus on the political economy of commodities, work and daily life, science and technology, war, occupation and legacies of war, and demography.

At the Department of Philosophy and Religious Studies, research group on philosophy explores contemporary theoretical philosophy, phenomena such as aesthetics, phenomenology, hermeneutics, and existentialism, and applied ethics. Research group on religious studies is specialized in Islamic studies, conspiracy culture, south Asian religions, and Judaism and cognitive science of religion in Norway.

Research at the Department of Art and Media Studies focuses on different thematic areas within media studies, film studies, art history, drama and theatre studies.





Department of Music specializes in musicology, dance studies, music technology and artistic development. The Department is also involved in pedagogical research, and it is an active contributor to the cross-disciplinary research network, "Music Education in Development".

At the **Department of Language and Literature**, research group on language and communication studies language systems, language usage, language development in society and language development in individuals. Research group on literature and cultural history studies and analyses Nordic, German, French, English (British and American), and Spanish literature, as well as literary theory. Further, research focuses on European political history – particularly British – as well as the history of the European Union.

Research at the **Department of Interdisciplinary Studies of Culture** is twofold. The Gender and diversity group focus on thematic areas such as biopolitics and reproduction, ethnicity, gender and equality, gender, technology and science, and sexuality gender and culture.

The Technology and society research group analyses policy, innovation, production of knowledge, and everyday life activities and provide their knowledge to understand present societal challenges relating to energy, climate and environment, science governance, digitalization and robotization of society and biopolitics and reproduction.

Faculty of Economics and Management (ØK)

The research at the Faculty of Economics and Management has a broad span within economics, management and technology, and is largely characterized by interdisciplinary and regional, national and international cooperation. The faculty's researchers are important contributors to industry and economic policy, and have key expertise in areas needed for a circular economy and the green shift, digitalization and future work life and an innovative public sector.



Our researchers are involved in a wide range of national and international research projects and centres:

Centre for Environment-friendly Energy Research (FME)

- [NTRANS - Norwegian Centre for Energy Transition Strategies](#)
- CINELDI - Centre for Intelligent Electricity Distribution (Sintef Energi)
- [HydroCen - Norwegian Centre for Hydropower Technology](#)
- MoZEES - Mobility Zero Emission Energy Systems (Institutt for energiteknikk)
- [NCCS - Norwegian CCS Research Centre \(Sintef Energi\)](#)
- ZEN - The Research Centre on Zero Emission Neighbourhoods in Smart Cities

Centre for Research-based Innovation (SFI)

- [SFI Manufacturing](#)
 - [SFI Harvest](#)
-

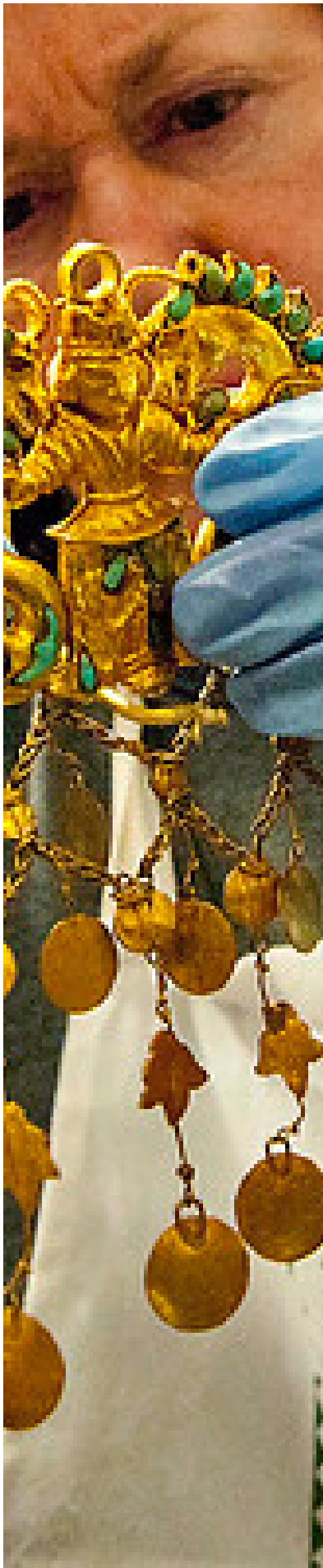


NTNU UNIVERSITY MUSEUM

The NTNU University Museum's main mission is to develop, preserve and disseminate knowledge of culture, nature and science, as a basis for sustainable social and environmental development. It consists of four units: The Department of Archaeology and Cultural History, the Department of Natural History, the National Laboratory for Age Determination and the Department of Public Outreach and Exhibitions.

The Department of Archaeology and Cultural History conducts research on prehistoric, historic, maritime and Sami archaeology. It contains a well-equipped conservation laboratory, and a unique collection of human remains from medieval through modern ages which is the basis for several research initiatives at a high international level. In close collaboration with the Department of Natural History and other academic groups at NTNU, we are building a singular inter- and trans-disciplinary capacity and expertise in research fields on cultural and natural heritage studies, taking advantage of NTNU's science and technology profile.

The Museum undertakes geophysical surveys as part of research and cultural heritage management projects, and hosts the Terrestrial, Marine and Aerial Remote sensing for Archaeology research group ([TEMAR](#)) . This is the first group in Norway with the capacity to deploy in-house expertise and technologies required to explore hidden cultural remains from the air, ground-surface or underwater. The breadth of expertise includes staff with solid experience in ground-penetrating radar (GPR), electromagnetic induction (EMI), magnetometry, and resistivity, LiDAR, geospatial and predictive modelling using GIS platforms, photogrammetry and unmanned aerial vehicle (UAV) operations.



We are a founding partner in NTNU Applied Underwater Robotics Laboratory ([AUR-Lab](#)). Through the Center of Excellence for Autonomous Marine Operations and Systems ([AMOS](#)), we are building world leading expertise in the use of marine robotics and sensors for underwater cultural heritage research and management in the intersection between marine archaeology, marine ecology and marine cybernetics. As we enter the UN Decade of Ocean Science, particular efforts are being made to identify and fill knowledge gaps regarding vulnerable underwater cultural heritage in Arctic and deep waters.

Our researchers are involved in a wide range of nationally and EU-funded projects. Currently, we are partnering and coordinating Horizon 2020 Pillar 1 and EU RTD framework programme projects, including an ERC Synergy Grant (4-Oceans) and a COST Action ([SAGA](#)). We have established a successful track record in RCN projects such as the on-going [FRIHUMSAM MedHeal600 project](#).

Research Infrastructures

- [Museum collections](#)
- [Conservation lab](#)
- [Radiocarbon and dendrochronology lab](#)
- [DNA lab](#)
- [Airborne, terrestrial and underwater geophysical surveying infrastructure](#)
- [Applied Underwater Robotics Laboratory](#)
- [NTNU research vessel Gannerus](#)



COLLABORATING WITH NTNU

As the largest Norwegian university with high multidisciplinary nature, NTNU offers a wide range of expertise and competences. Specific mapping of available researchers willing to collaborate on Horizon Europe have been performed for all clusters, producing documents similar to this brochure.

[Make sure you have the latest version available by downloading it from this website.](#)

Should you be interested to explore collaboration opportunities in areas not present in any of these brochures, you can get in touch with the institutional entry points of the university.

ENTRY POINTS

[NTNU Brussels Office](#)

Faculty EU advisors

AD - Faculty of Architecture and Design

[Tone Woie Alstadheim](#) and [Srutarshi Pradhan](#)

HF - Faculty of Humanities

[Chamila Thushari Attanapola](#)

IE - Faculty of Information Technology and Electrical Engineering

[Nathalie Søyseth](#) and [Filip Jessen](#)

IV - Faculty of Engineering

[Ingunn Syrstad Bøgeberg](#) and [Miriam K. Khider](#)

MH - Faculty of Medicine and Health Sciences

[Emma Louise Walton](#)

NV - Faculty of Natural Sciences

[Thais Mothe-Diniz](#) and [Eugen Gravningen Sørmo](#)

SU - Faculty of Social and Educational Sciences

[Bård Li](#) and [Jens Rohloff](#)

ØK - Faculty of Economics and Management

[Thomas Aarnseth](#)

VM - NTNU University Museum

[Astrid Johansen](#)

NTNU in Gjøvik

[Anne Hilde Ruen Nymoen](#)

NTNU in Ålesund

[Medya Temelli Fenerci](#)



ASSOCIATED PROFESSORS

Destination 1:

Innovative Research on Democracy and Governance

Here you can find potential NTNU professors and employees that are interested in collaborations on destination 1.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertise per topic, the list of topics have been made clickable.

DESTINATION 1 - CALLS

DISCLAIMER: Please notice that the Topics list is clickable to allow you to immediately reach the one for which you could be interested to open a collaboration dialogue with NTNU

Call - Past, present and future of democracies.

[HORIZON-CL2-2024-DEMOCRACY-01-01: Protest politics and cultures of opposition in democracy.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-02: Multilevel governance in times of digital and climate transitions.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-03: What is the long-term impact of rule of law and European values on socio-economic outcomes?.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-04: The interrelation between social, cultural and political identities, as well as the sense of belonging, and democracies.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-05: The climate imperative and its impact on democratic governance.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-06: Computational Social Science approaches in research on democracy.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-07: Digital democracy.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-08: Culture, the arts and cultural spaces for democratic participation and political expression, online and offline.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-09: The role and functioning of public administrations in democratic systems.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-10: Political participation in multilingual spaces.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-11: Future scenarios and young visions for European democracy 2040.](#)

[HORIZON-CL2-2024-DEMOCRACY-01-12: Testing and implementation of research results fostering democracy and governance.](#)

HORIZON-CL2-2024-DEMOCRACY-01-01: PROTEST POLITICS AND CULTURES OF OPPOSITION IN DEMOCRACY



Carine Germond

Department of Historical and Classical Studies
Faculty of Humanities

Contact information

carine.germond@ntnu.no
+4773596478

Relevant links outside academia

EU institutions

Expertise

European Union, European Integration, Experts and Expertise, EU governance, Trust and governance, Euroscepticism, Gender politics, Agricultural and rural, policy, EU Common Agricultural Policy, Interest and lobby Groups.

Expertise specific to this call:

Transnational societal mobilization, contestation and protests

Relevant projects

IEF Marie Curie Fellowship
(AGRIREFORM)



Pieter de Wilde

Department of Sociology and Political Science
Faculty of Social and Educational Sciences

Contact information

pieter.dewilde@ntnu.no
+47 73596428

Expertise to specific call:

The role of celebrities and famous activists in social movements and episodes of contention.

Representative claims analysis.
Political representation

Expertise

De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.

He is an expert on processes of politicization within the multilevel European Union polity and on political representation.

His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

Relevant projects

UNElected REPresentatives:
The Impact on Liberal Democracy in Europe ([UNREP](#))

Reconciling Europe with its
Citizens through Democracy and
Rule of Law ([RECONNECT](#))

The Political Sociology of
Cosmopolitanism and
Communitarianism ([LINK](#))

How Politicization Affects
European Integration



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:

Research on culture, identity, and rhetoric/narrative



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)



Lorenzo Cañas Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information

canas.bottos@ntnu.no
+4794974869

Expertise

I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects

Imagination of the Future. Old Colony Mennonites in Argentina and Bolivia. Intergenerational Transmission of Identity in the (Irish) Border Area. Immigration 100 years later. Descendants of Syrian and Lebanese immigrants in Argentina. Pata Negra: The social and cultural life of the Iberian pig in Extremadura.



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-DEMOCRACY-01-02: MULTILEVEL GOVERNANCE IN TIMES OF DIGITAL AND CLIMATE TRANSITIONS.



Pieter de Wilde

Department of Sociology and Political Science
Faculty of Social and Educational Sciences

Contact information

pieter.dewilde@ntnu.no
+47 73596428

Expertise to specific call:

European integration. Responsive governance by EU institutions.

The politicization of European governance.

Expertise

De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.

He is an expert on processes of politicization within the multilevel European Union polity and on political representation.

His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

Relevant projects

UNelected REPresentatives:
The Impact on Liberal Democracy in Europe ([UNREP](#))

Reconciling Europe with its Citizens through Democracy and Rule of Law ([RECONNECT](#))

The Political Sociology of Cosmopolitanism and Communitarianism [LINK](#)

How Politicization Affects European Integration



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Giuseppe Pellegrini Masini

Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

Contact information

giuseppe.p.masini@ntnu.no
+47 98079798

Relevant links outside academia

I worked with local authorities in Italy and I have a network of researchers in consultancies with whom I collaborated on EU projects.

Expertise

Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

Relevant projects

H2020 ACCTING
AdvanCing behavioural Change Through an INclusive Green deal

H2020 SMARTEES Social innovation Modelling Approaches to Realizing Transition to Energy Efficiency and Sustainability



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)

HORIZON-CL2-2024-DEMOCRACY-01-03: WHAT IS THE LONG-TERM IMPACT OF RULE OF LAW AND EUROPEAN VALUES ON SOCIO-ECONOMIC OUTCOMES.



Contact information

andre.liem@ntnu.no
+47940774215

Andre Liem

Department of Design
Faculty of Architecture and Design

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-DEMOCRACY-01-04: THE INTERRELATION BETWEEN SOCIAL, CULTURAL AND POLITICAL IDENTITIES, AS WELL AS THE SENSE OF BELONGING, AND DEMOCRACIES.



Carine Germond

Department of Historical and Classical Studies
Faculty of Humanities

Contact information

carine.germond@ntnu.no
+4773596478

Relevant links outside academia

EU institutions

Expertise

European Union, European Integration, Experts and Expertise, EU governance, Trust and governance, Euroscepticism, Gender politics, Agricultural and rural, policy, EU Common Agricultural Policy, Interest and lobby Groups.

Relevant projects

IEF Marie Curie Fellowship (AGRIREFORM)



Pieter de Wilde

Department of Sociology and Political Science
Faculty of Social and Educational Sciences

Contact information

pieter.dewilde@ntnu.no
+47 73596428

Expertise to specific call:

Political representation.
Representative claims analysis.

The role of celebrities and famous activists in shaping and mobilizing collective identities.

Identity and European integration.

Expertise

De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.

He is an expert on processes of politicization within the multilevel European Union polity and on political representation.

His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

Relevant projects

UNelected REpresentatives:
The Impact on Liberal Democracy in Europe ([UNREP](#))

Reconciling Europe with its Citizens through Democracy and Rule of Law ([RECONNECT](#))

The Political Sociology of Cosmopolitanism and Communitarianism [LINK](#)

How Politicization Affects European Integration



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:

Research on culture and identity



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Casper Boks

Department of Design
Faculty of Architecture and Design

Contact information

casper.boks@ntnu.no

Expertise

Design for sustainable behaviour and practices;

Consumer acceptance and adoption of circular paradigms;

Managerial implementation of Design for Sustainability.

Relevant projects

"Circular European Economy Innovative Training Network (CIRC€UIT)" (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HoIE-LIB) (NTNU Sustainability funded)

"Narrating Sustainability" (NTNU Sustainability funded)

"Design of Insect- and Insect-based Food Products" (ERA-NET LAC II/Norwegian Science Council)



Lorenzo Cañas Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information

canas.bottos@ntnu.no
+4794974869

Expertise

I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects

Imagination of the Future. Old Colony Mennonites in Argentina and Bolivia. Intergenerational Transmission of Identity in the (Irish) Border Area. Immigration 100 years later. Descendants of Syrian and Lebanese immigrants in Argentina. Pata Negra: The social and cultural life of the Iberian pig in Extremadura.



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).



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Relevant projects

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Astrid S. de Wijn

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

astrid.dewijn@ntnu.no

Expertise

Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Expertise specific to call:

Experience with simulating opinion dynamics models

Relevant projects

Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).



Eleftherios Papachristou

Department of Design
Faculty of Architecture and Design

Contact information

eleftherios.papachristos@ntnu.no

+47 47707238

Expertise

- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects

ruALLURE (EU H2020 CSA)

INTER-SOCIAL (EU INTERREG)

SERIES (EU FP7 CSA)

QALIBRA (EU FP6 CSA)



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- Interface Evaluation.

Relevant projects

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SERIES (EU FP7 CSA)

QALIBRA (EU FP6 CSA)



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no

+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy,
gender and women's studies, LGBTQIA
studies, social theory, feminist theory

Expertise specific to this call:

Research and teaching on critical digital
literacy

HORIZON-CL2-2024-DEMOCRACY-01-08: CULTURE, THE ARTS AND CULTURAL SPACES FOR DEMOCRATIC PARTICIPATION AND POLITICAL EXPRESSION, ONLINE AND OFFLINE.



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:

Research on culture and identity



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)



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Relevant projects

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PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).

HORIZON-CL2-2024-DEMOCRACY-01-09: THE ROLE AND FUNCTIONING OF PUBLIC ADMINISTRATIONS IN DEMOCRATIC SYSTEMS.



Pieter de Wilde

Department of Sociology and Political Science
Faculty of Social and Educational Sciences

Contact information

pieter.dewilde@ntnu.no
+47 73596428

Expertise to specific call:

Bureaucratic reputation management.

Self-legitimation of European Union institutions and international organizations.

Responsive governance.

Expertise

De Wilde studies political conflict over European integration and other globalization-related issues, such as migration, trade and climate change.

He is an expert on processes of politicization within the multilevel European Union polity and on political representation.

His recent research focuses on how celebrities and activists affect democratic representation in Europe, democratic backsliding within the EU and on responsiveness of EU institutions.

Relevant projects

UNElected REPresentatives:
The Impact on Liberal Democracy in Europe ([UNREP](#))

Reconciling Europe with its Citizens through Democracy and Rule of Law ([RECONNECT](#))

The Political Sociology of Cosmopolitanism and Communitarianism [LINK](#)

How Politicization Affects European Integration



Govert Valkenburg

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Faculty of Humanities

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Isabell Richter

Department of Psychology
Faculty of Social and Educational Sciences

Contact information

isabel.richter@ntnu.no
+47 40611965

Relevant contacts outside academia

NORSUS
WWF

Expertise

Environmental psychology, behavior change, evaluation of interventions, creative ways of communication, inclusion and diversity

Relevant projects

- GCRF Blue communities
- NFR Nature in your Face
- Handelens Miljøfond human dimension of plastic pollution



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:

Research on culture and identity and education



Lorenzo Cañas Bottos

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Faculty of Social and Educational Sciences

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Relevant projects

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Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

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Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

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Relevant projects

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EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).



ASSOCIATED PROFESSORS

Destination 2:

Innovative Research on the European Cultural Heritage and Cultural and Creative Industries

Here you can find potential NTNU professors and employees that are interested in collaborations on destination 2.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertises per topic, the list of topics have been made clickable.

DESTINATION 2 - CALLS

DISCLAIMER: Please notice that the Topics list is clickable to allow you to immediately reach the one for which you could be interested to open a collaboration dialogue with NTNU

Call - Research and innovation on cultural heritage and CCI - 2024.

[HORIZON-CL2-2024-HERITAGE-01-01: New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all](#)

[HORIZON-CL2-2024-HERITAGE-01-02: Cultural and creative industries for a sustainable climate transition.](#)

[HORIZON-CL2-2024-HERITAGE-01-03: Leverage the digital transition for competitive European cultural and creative industries.](#)

[HORIZON-CL2-2024-HERITAGE-01-04: Europe's cultural heritage and arts – promoting our values at home and abroad.](#)

[HORIZON-CL2-2024-HERITAGE-01-05: Strategies to strengthen the European linguistic capital in a globalised world.](#)

HORIZON-CL2-2024-HERITAGE-01-01: New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all



Ole Edward Wattne

Department of Design
Faculty of Architecture and Design

Contact information

ole.wattne@ntnu.no
93445885

Relevant links outside academia

Local museums, National pilgrim center, art centers.

Expertise

Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

Relevant projects

rurAllure (rurallure.eu)



Casper Boks

Department of Design
Faculty of Architecture and Design

Contact information

casper.boks@ntnu.no

Expertise

Design for sustainable behaviour and practices;
Consumer acceptance and adoption of circular paradigms;
Managerial implementation of Design for Sustainability.

Relevant projects

"Circular European Economy Innovative Training Network (CIRC€UIT)" (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HoIE-LIB) (NTNU Sustainability funded)

"Narrating Sustainability" (NTNU Sustainability funded)

"Design of Insect- and Insect-based Food Products" (ERA-NET LAC II/Norwegian Science Council)



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Carmen Cuenca-Garcia

Department of Archaeology and Cultural History
Faculty of NTNU University Museum

Contact information

carmen.cuenca-garcia@ntnu.no
+4792651106

Relevant links outside academia

Museums/CHM, other research institutes, some contacts in industry (geophysical instrumentation) and local community associations

Expertise

Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection and monitoring, non-destructive methods in archaeology, endangered archaeology, humanitarian geophysics, CTBTO OSI Inspector

Relevant projects

COST Action SAGA (CA17131)
'The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection' (Chair)

AICO 2020/250 - GEOIbers 'Geophysical Prospection at Iberian Sites' (PI- Norway)

EEA and Norway Grant TAU21161- NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)



Eleftherios Papachristou

Department of Design
Faculty of Architecture and Design

Contact information

eleftherios.papachristos@ntnu.no

+47 47707238

Expertise

- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects

rurALLURE (EU H2020 CSA)

INTER-SOCIAL (EU INTERREG)

SERIES (EU FP7 CSA)

QALIBRA (EU FP6 CSA)



Chiara Bertolin

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

chiara.bertolin@ntnu.no
+47 48507716

Relevant links outside academia

- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15

Expertise

Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:

- Studies on the climate change impact on the built environment, here included reconstruction of long term climate change.
- Design, implementation and Analysis of tests; structural integrity/ health monitoring campaign in real environment using no-destructive techniques.
- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects

- PI and Coordinator of the **SYMBOL Young Research Talent Project** (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the **Helios Project** - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

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Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Industrial Design, Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-HERITAGE-01-02: Cultural and creative industries for a sustainable climate transition.



Marek E. Jasinski

Department of Historical and Classical Studies
Faculty of Humanities

Contact information

marek.jasinski@ntnu.no
+49 92612121

Relevant links outside academia

Public Sector, NGOs.

Expertise

Heritage Studies, Archaeology,
Forensic Archaeology, Heritage of
War and Conflict, Social Memory,
War Crimes, Genocides

Relevant projects

Painful Heritage

Re-CALL

iC-ACCESS



Arne Anderson Stamnes

Department of Archaeology and Cultural history
Faculty of NTNU University Museum

Contact information

arne.stamnesi@ntnu.no
+49 90958457

Relevant links outside academia

Good communication and
contact with various
instrument manufacturers.

Expertise

Non-intrusive geophysical investigations of
cultural heritage monuments and landscapes,
GIS-modelling, cultural historical analysis,
landscape archaeology

Expertise specific to this call:

My individual mobility grant is using remote
sensing technologies to assess the impact of
landscape change on past societies.

Relevant projects

Various collaborative and commercial
archaeo-geophysical projects in Norway
and Abroad.

Norwegian Research-Council funded
International Mobility Grant ("PastCoast").



Giuseppe Pellegrini Masini

Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

Contact information

giuseppe.p.masini@ntnu.no
+47 98079798

Relevant links outside academia

I worked with local authorities
in Italy and I have a network of
researchers in consultancies
with whom I collaborated on
EU projects.

Expertise

Research experience in climate
citizenship, energy justice, Just
Transition, energy social innovations
and sustainable bottom-up
initiatives, among other social
environmental topics.

Relevant projects

H2020 ACCTING
AdvanCing behavioural Change
Through an INclusive Green deal

H2020 SMARTEES Social innovation
Modelling Approaches to Realizing
Transition to Energy Efficiency and
Sustainability



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

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Expertise

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Relevant projects

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PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Elli Verhulst

Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Contact information

elli.verhulst@ntnu.no
+47 73590164

Expertise

Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,

Relevant projects

- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- **Digifab**, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- **HoIE-LIB** – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- **MINDER** - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
- **SFU Engage** – Entrepreneurship education for educators (HKdir)



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Relevant links outside academia

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Relevant projects

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Cultures Along the Historic St Olav
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Cooperation Project in Humanities
Research (PI-Norway)



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93445885

Relevant links outside academia

Local museums, National pilgrim center, art centers.

Expertise

Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

Relevant projects

rurAllure (rurallure.eu)



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Expertise

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- Ethics/trust/transparency and AI
- Interface Evaluation.

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SERIES (EU FP7 CSA)

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Faculty of Engineering

Contact information

chiara.bertolin@ntnu.no
+47 48507716

Relevant links outside academia

- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15

Expertise

Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:

- Studies on the climate change impact on the built environment, here included reconstruction of long term climate change.
- Design, implementation and Analysis of tests; structural integrity/ health monitoring campaign in real environment using no-destructive techniques.
- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects

- PI and Coordinator of the **SYMBOL Young Research Talent Project** (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the **Helios Project** - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Industrial Design, Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-HERITAGE-01-03: Leverage the digital transition for competitive European cultural and creative industries.



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Carmen Cuenca-Garcia

Department of Archaeology and Cultural History
Faculty of NTNU University Museum

Contact information

carmen.cuenca-garcia@ntnu.no
+4792651106

Relevant links outside academia

Museums/CHM, other research institutes, some contacts in industry (geophysical instrumentation) and local community associations

Expertise

Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection and monitoring, non-destructive methods in archaeology, endangered archaeology, humanitarian geophysics, CTBTO OSI Inspector

Relevant projects

COST Action SAGA (CA17131)
'The Soil Science & Archaeo-Geophysics Alliance: going beyond prospection' (Chair)

AICO 2020/250 - GEOIbers
'Geophysical Prospection at Iberian Sites' (PI- Norway)

EEA and Norway Grant TAU21161- NIDAROD From Nidaros to Novgorod: Cultures Along the Historic St Olav Routes. An Estonian-Norwegian Cooperation Project in Humanities Research (PI-Norway)



Elli Verhulst

Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Contact information

elli.verhulst@ntnu.no
+47 73590164

Expertise

Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,

Relevant projects

- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- **Digifab**, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- **HolE-LIB** – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- **MINDER** - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
- **SFU Engage** – Entrepreneurship education for educators (HKdir)



Lorenzo Cañas Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information

canas.bottos@ntnu.no
+4794974869

Expertise

I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects

Imagination of the Future. Old Colony Mennonites in Argentina and Bolivia. Intergenerational Transmission of Identity in the (Irish) Border Area. Immigration 100 years later. Descendants of Syrian and Lebanese immigrants in Argentina. Pata Negra: The social and cultural life of the Iberian pig in Extremadura.

HORIZON-CL2-2024-HERITAGE-01-04: Europe's cultural heritage and arts – promoting our values at home and abroad.



Ole Edward Wattne

Department of Design
Faculty of Architecture and Design

Contact information

ole.wattne@ntnu.no
93445885

Relevant links outside academia

Local museums, National pilgrim center, art centers.

Expertise

Information design, wayfinding systems, wayfinding behaviour, interaction design, human centered design methods

Relevant projects

rurAllure (rurallure.eu)



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



Chiara Bertolin

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

chiara.bertolin@ntnu.no
+47 48507716

Relevant links outside academia

- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15

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- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects

- PI and Coordinator of the **SYMBOL Young Research Talent Project** (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the **Helios Project** - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.



Lorenzo Cañas Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information

canas.bottos@ntnu.no
+4794974869

Expertise

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Relevant projects

Imagination of the Future. Old Colony Mennonites in Argentina and Bolivia. Intergenerational Transmission of Identity in the (Irish) Border Area. Immigration 100 years later. Descendants of Syrian and Lebanese immigrants in Argentina. Pata Negra: The social and cultural life of the Iberian pig in Extremadura.



Bente Philippsen

National Laboratory for Age Determination
University Museum

Contact information

bente.philippsen@ntnu.no
+4792092496

Expertise

The National Laboratory for Age Determination provides research collaboration and services within the fields of radiocarbon dating, dendrochronology and stable isotope analysis. We provide chronologies to archaeologists and historians, reconstruct past life and environment, or study the life history of modern plants and animals. We use radiocarbon concentrations as proxies to measure the sustainability of different carbon-containing compounds, such as fuels. Our absolute chronologies from radiocarbon and dendrochronology link developments in climate, environment and culture, thus allowing us to disentangle causes and effects.

Relevant projects

4OCEANS
ClimateCultures
FuturePast



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Industrial Design, Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-HERITAGE-01-05: Strategies to strengthen the European linguistic capital in a globalised world.



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

PRISMS (privacy and security),

MILESECURE2050 (low-carbon transitions and energy security).



ASSOCIATED PROFESSORS

Destination 3:

Innovative research on Social and Economic Transformations

Here you can find potential NTNU professors and employees that are interested in collaborations on destination 3.

The following pages are sorted into the calls for the destination presented in cluster 2. To simplify your navigation among available expertises per topic, the list of topics have been made clickable.

DESTINATION 3 - CALLS

DISCLAIMER: Please notice that the Topics list is clickable to allow you to immediately reach the one for which you could be interested to open a collaboration dialogue with NTNU

Call - A sustainable future for Europe.

[HORIZON-CL2-2024-TRANSFORMATIONS-01-01: Policy recommendations from socio-economic impacts of loneliness in Europe.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-02: Strengthen economic fairness and resilience of active labour market policies and address high unemployment](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-03: Minimise costs and maximise benefits of job creation and job destruction.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-04: Social services: economic and social returns and value added.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-05: Social dialogue in the new world of work](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-06: Beyond the horizon: A human-friendly deployment of artificial intelligence and related technologies.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-07: Methodologies for teamworking of researchers – reinforcing transversal collaborative skills, behavioural and implementation sciences.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-08: Arts and cultural awareness and expression in education and training.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-09: The role of social economy in addressing social exclusion, providing quality jobs and greater sustainability.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-10: Effective education and labour market transitions of young people.](#)

[HORIZON-CL2-2024-TRANSFORMATIONS-01-11: Assessing and strengthening the complementarity between new technologies and human skills.](#)

HORIZON-CL2-2024-TRANSFORMATIONS-01-01: POLICY RECOMMENDATIONS FROM SOCIO-ECONOMIC IMPACTS OF LONELINESS IN EUROPE.



Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Contact information

roberto.iacono@ntnu.no
+47 90946148

Expertise

My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

- (i) Measurement of economic inequality
- (ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Relevant projects

Current project participant of the RCN-funded project "Make Taxation Fair" (FRIPRO, NOK 11.8 million, 2021-2026).



Eleftherios Papachristou

Department of Design
Faculty of Architecture and Design

Contact information

eleftherios.papachristos@ntnu.no

+47 47707238

Expertise

- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects

zurALLURE (EU H2020 CSA)

INTER-SOCIAL (EU INTERREG)

SERIES (EU FP7 CSA)

QALIBRA (EU FP6 CSA)



Roxanna Morote

Department of Psychology

Faculty of Social and Educational Sciences

Contact information

roxanna.morote@ntnu.no
+47 73412825

Relevant links outside academia

CRONICAS - Peru - Centre of
Excellence in Chronic Diseases

Expertise

- Community and cross-cultural psychology.
- Multi-systemic resilience and protective factors.
- Adolescents, school, and community resilience
- Intersectionality, gender, and ethnicity.
- Gender and sexual diversity, and women's empowerment

Relevant projects

- H2020 UPRIGHT: Universal Preventive Resilience Intervention Globally Implemented in Schools to improve and promote Mental Health For Teenagers.
- Work package: Cocreation and Regional Adaptation in 5 EU countries.
- MapRes: Mapping personal, professional, and community-based resilience resources for work inclusion in social services, women, and youths at-risk of permanent unemployment in Trøndelag.
- Building a Sustainable University Community (Fremtidens Campus)

HORIZON-CL2-2024-TRANSFORMATIONS-01-02: STRENGTHEN ECONOMIC FAIRNESS AND RESILIENCE OF ACTIVE LABOUR MARKET POLICIES AND ADDRESS HIGH UNEMPLOYMENT



Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Contact information

roberto.iacono@ntnu.no
+47 90946148

Expertise

My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

- (i) Measurement of economic inequality
- (ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Relevant projects

Current project participant of the RCN-funded project "Make Taxation Fair" (FRIPRO, NOK 11.8 million, 2021-2026).



Roxanna Morote

Department of Psychology
Faculty of Social and Educational Sciences

Contact information

roxanna.morote@ntnu.no
+47 73412825

Relevant links outside academia

CRONICAS - Peru - Centre of Excellence in Chronic Diseases

Expertise

- Community and cross-cultural psychology.
- Multi-systemic resilience and protective factors.
- Adolescents, school, and community resilience
- Intersectionality, gender, and ethnicity.
- Gender and sexual diversity, and women's empowerment

Relevant projects

- H2020 UPRIGHT: Universal Preventive Resilience Intervention Globally Implemented in Schools to improve and promote Mental Health For Teenagers.
- Work package: Cocreation and Regional Adaptation in 5 EU countries.
- MapRes: Mapping personal, professional, and community-based resilience resources for work inclusion in social services, women, and youths at-risk of permanent unemployment in Trøndelag.
- Building a Sustainable University Community (Fremtidens Campus)



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).

HORIZON-CL2-2024-TRANSFORMATIONS-01-04: SOCIAL SERVICES: ECONOMIC AND SOCIAL RETURNS AND VALUE ADDED.



Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Contact information

roberto.iacono@ntnu.no
+47 90946148

Expertise

My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

- (i) Measurement of economic inequality
- (ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Relevant projects

Current project participant of the RCN-funded project "Make Taxation Fair" (FRIPRO, NOK 11.8 million, 2021-2026).



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

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Relevant projects

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EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

HORIZON-CL2-2024-TRANSFORMATIONS-01-06: BEYOND THE HORIZON: A HUMAN-FRIENDLY DEPLOYMENT OF ARTIFICIAL INTELLIGENCE AND RELATED TECHNOLOGIES



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).



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Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).



Astrid S. de Wijn

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

astrid.dewijn@ntnu.no

Expertise

Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Relevant projects

Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).



Mehmet Sercan Uztosun

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

mehmet.s.uztosun@ntnu.no
+4746286380

Expertise

Pre-service and in-service teacher education, teaching and learning English

Relevant projects

Carried out internal research projects on testing English speaking and self-regulation



Elli Verhulst

Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Contact information

elli.verhulst@ntnu.no
+47 73590164

Expertise

Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,

Relevant projects

- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- **Digifab**, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- **HolE-LIB** – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- **MINDER** - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
- **SFU Engage** – Entrepreneurship education for educators (HKdir)



Casper Boks

Department of Design
Faculty of Architecture and Design

Contact information

casper.boks@ntnu.no

Expertise

Design for sustainable behaviour and practices;

Consumer acceptance and adoption of circular paradigms;

Managerial implementation of Design for Sustainability.

Relevant projects

"Circular European Economy Innovative Training Network (CIRC€UIT)" (H2020 MSCA-ITN) "Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU". (HolE-LIB) (NTNU Sustainability funded)

"Narrating Sustainability" (NTNU Sustainability funded)

"Design of Insect- and Insect-based Food Products" (ERA-NET LAC II/Norwegian Science Council)



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

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Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).



Astrid S. de Wijn

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

astrid.dewijn@ntnu.no

Expertise

Theory and modelling of systems out of equilibrium.

Network dynamics and simulations, including opinion dynamics.

Relevant projects

Dynamics of collective action to conserve a large common-pool resource, David Andersson, Sigrid Bratsberg, Andrew K. Ringsmuth, Astrid S. de Wijn Scientific Reports volume 11, Article number: 9208 (2021).



Mehmet Sercan Uztosun

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

mehmet.s.uztosun@ntnu.no
+4746286380

Expertise

Pre-service and in-service teacher education, teaching and learning English

Relevant projects

Carried out internal research projects on testing English speaking and self-regulation



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy, gender and women's studies, LGBTQIA studies, social theory, feminist theory

Expertise specific to this call:

Research and position in teacher education

Isabell Richter

Department of Psychology
Faculty of Social and Educational Sciences

Contact information

isabel.richter@ntnu.no
+47 40611965

Relevant contacts outside academia

NORSUS

WWF

Expertise

Environmental psychology, behavior change, evaluation of interventions, creative ways of communication, inclusion and diversity

Relevant projects

- GCRF Blue communities
- NFR Nature in your Face
- Handelens Miljøfond human dimension of plastic pollution



Sara Brinch

Department of Design
Faculty of Architecture and Design

Contact information

sara.brinch@ntnu.no
+4792842327

Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

Took part in the project "Innovative Data Visualization and Visual-Numeric Literacy", funded by Norwegian Research Council, with "What we talk about when we talk about beautiful data visualizations"

[LINK](#)



Chiara Bertolin

Department of Mechanical and Industrial Engineering
Faculty of Engineering

Contact information

chiara.bertolin@ntnu.no
+47 48507716

Relevant links outside academia

- Chairman of the Technical committee TC20 of the European Structural Integrity Society (ESIS)
- Member of the Executive Committee of the Italian Group of Fracture (IGF)
- Expert of the European Committee for Standardization CEN/TC346 in WG7, WG14, and WG15

Expertise

Professor of NDT for condition monitoring at Department of Mechanical and Industrial Engineering. Outstanding Academic Fellow at NTNU.

Current research activities comprise:

- Studies on the climate change impact on the built environment, here included reconstruction of long term climate change.
- Design, implementation and Analysis of tests; structural integrity/ health monitoring campaign in real environment using no-destructive techniques.
- Environmental studies applied to assess existing conditions and damage appearance (e.g. location and severity) in materials constituting the built environment.
- Synergistic integration of monitoring, and numerical simulations with machine learning.

Relevant projects

- PI and Coordinator of the **SYMBOL Young Research Talent Project** (2018-2022, funded by NRC) has sought for appropriate environmental conditions for historical buildings and cultural heritage collections made of wood.
- Partner in the **Helios Project** - Enhancing optimal exploitation of solar energy in Nordic cities through the digitalization of the built environment (2021-2025, funded by NRC) aims to turn the Nordic conditions into unique opportunities to accelerate the use of solar energy and the deployment of solar systems in the Nordic built environment through digital techniques using Trondheim as a pilot city.



Lorenzo Cañas Bottos

Department of Social Anthropology
Faculty of Social and Educational Sciences

Contact information

canas.bottos@ntnu.no
+4794974869

Expertise

I am a social anthropologist with ethnographic experience in Argentina, Bolivia, Ireland, Northern Ireland and Spain. My research spans topics from future imagination, nation state formation, migration, borders and religious conflict and mobility. More recently I have been focusing on food, including ethnic cuisines, cultural authenticity, heritage, to pig production and multi-species ethnography.

Relevant projects

Imagination of the Future. Old Colony Mennonites in Argentina and Bolivia. Intergenerational Transmission of Identity in the (Irish) Border Area. Immigration 100 years later. Descendants of Syrian and Lebanese immigrants in Argentina. Pata Negra: The social and cultural life of the Iberian pig in Extremadura.



Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Contact information

roberto.iacono@ntnu.no
+47 90946148

Expertise

My latest research is at the intersection between Public Economics, Labor Economics and Political Economy, with a focus on:

- (i) Measurement of economic inequality
- (ii) Policy-relevant questions related to the «Nordic model» of economic development and welfare.

Relevant projects

Current project participant of the RCN-funded project "Make Taxation Fair" (FRIPRO, NOK 11.8 million, 2021-2026).



Giuseppe Pellegrini Masini

Department of Teacher Education - Social Studies
Faculty of Social and Educational Sciences

Contact information

giuseppe.p.masini@ntnu.no
+47 98079798

Relevant links outside academia

I worked with local authorities in Italy and I have a network of researchers in consultancies with whom I collaborated on EU projects.

Expertise

Research experience in climate citizenship, energy justice, Just Transition, energy social innovations and sustainable bottom-up initiatives, among other social environmental topics.

Relevant projects

H2020 ACCTING
AdvanCing behavioural Change
Through an INclusive Green deal

H2020 SMARTEES Social innovation
Modelling Approaches to Realizing
Transition to Energy Efficiency and
Sustainability



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

Design Thinking, Design Processes and Methods to be implemented in practice and education.

Community Consultation, Citizen Engagement, Participatory Design and Placemaking.

Expertise specific to this call:

Design Thinking, Participatory Design, Strategic & Systems Design, Placemaking, Community Consultation.

Relevant projects

EU - Erasmus+ "Future Planners Fostering Human-centred Urban Planning through Real and Effective Public Consultation" (FUTURE PLANNERS), KA205-6776E21F.

EU - Erasmusx "Youths' Creative Solutions for Placemaking for Encounters at Children's Playgrounds" (PLACE FOR PLAY), KA220-YOU-Cooperation partnership in youth.

DUT - Driving Urban Transitions - Inclusive Cities: Rethinking placemaking and the 15-minute city concept through the lens of social inclusion, diversity (Co-funded by the European Union).



Kjersti Kjos Longva

Department of International Business
Faculty of Economics and Management

Contact information

kjersti.kjos.longva@ntnu.no
+47 70 16 12 94

Relevant links outside academia

Industry, cluster organizations, entrepreneurs and public sector.

Expertise

Entrepreneurship, SMEs, entrepreneurship education, innovation in education, management education, innovation skills, innovation processes, university-industry collaboration, sustainable business models.

Relevant projects

ERASMUS+ project BLUEWBC Sustainable development of BLUE Economics through higher education and innovation in Western Balkan Countries.

InnoPraksis - Innovative internships in business education.

TEFT-lab at NTNU.



Mari-Ana Myfanwy Jones

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

mari.a.jones@ntnu.no
+4798051254

Relevant links outside academia

Considerable network within the education sector of Norway, including the Department of Education and at county and municipality levels.

Expertise

Associate Professor, Organisation and Leadership in the Education Sector

Expertise specific to call:

Previous research on the impact of Covid on schools and school leaders.

Previous research on participation in education using mixed methods, which included dialogue with children and young people.

Relevant projects

Leadership of a number of externally financed projects (within Norway) which involve collaboration between academia and the education sector in Norway.



Eir-Anne Edgar

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

eir-anne.edgar@ntnu.no
+47 41253485

Expertise

Literature and culture, didactics/pedagogy,
gender and women's studies, LGBTQIA
studies, social theory, feminist theory

Expertise specific to this call:

Research and position in teacher education



Roberto Iacono

Department of Social Work
Faculty of Social and Educational Sciences

Contact information

roberto.iacono@ntnu.no
+47 90946148

Expertise

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between Public Economics, Labor Economics
and Political Economy, with a focus on:

- (i) Measurement of economic inequality
- (ii) Policy-relevant questions related to the
«Nordic model» of economic development
and welfare.

Relevant projects

Current project participant of the RCN-
funded project "Make Taxation Fair"
(FRIPRO, NOK 11.8 million, 2021-2026).



Roxanna Morote

Department of Psychology
Faculty of Social and Educational Sciences

Contact information

roxanna.morote@ntnu.no
+47 73412825

Relevant links outside academia

CRONICAS - Peru - Centre of
Excellence in Chronic Diseases

Expertise

- Community and cross-cultural psychology.
- Multi-systemic resilience and protective factors.
- Adolescents, school, and community resilience
- Intersectionality, gender, and ethnicity.
- Gender and sexual diversity, and women's empowerment

Relevant projects

- H2020 UPRIGHT: Universal Preventive Resilience Intervention Globally Implemented in Schools to improve and promote Mental Health For Teenagers.
- Work package: Cocreation and Regional Adaptation in 5 EU countries.
- MapRes: Mapping personal, professional, and community-based resilience resources for work inclusion in social services, women, and youths at-risk of permanent unemployment in Trøndelag.
- Building a Sustainable University Community (Fremtidens Campus)



Mehmet Sercan Uztosun

Department of Teacher Education
Faculty of Social and Educational Sciences

Contact information

mehmet.s.uztosun@ntnu.no
+4746286380

Expertise

Pre-service and in-service teacher education, teaching and learning English

Relevant projects

Carried out internal research projects on testing English speaking and self-regulation



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

andre.liem@ntnu.no
+47940774215

Expertise

Systems thinking and design for the development of new products and services.

Strategic design for planning and future mapping of prospective products and services.

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HORIZON-CL2-2024-TRANSFORMATIONS-01-11: ASSESSING AND STRENGTHENING THE COMPLEMENTARITY BETWEEN NEW TECHNOLOGIES AND HUMAN SKILLS.



Kjersti Kjos Longva

Department of International Business
Faculty of Economics and Management

Contact information

kjersti.kjos.longva@ntnu.no
+47 70 16 12 94

Relevant links outside academia

Industry, cluster organizations, entrepreneurs and public sector.

Expertise

Entrepreneurship, SMEs, entrepreneurship education, innovation in education, management education, innovation skills, innovation processes, university-industry collaboration, sustainable business models.

Relevant projects

ERASMUS+ project BLUEWBC Sustainable development of BLUE Economics through higher education and innovation in Western Balkan Countries.

InnoPraksis - Innovative internships in business education.

TEFT-lab at NTNU.



Elli Verhulst

Department of Industrial Economics and Technology Management
Faculty of Economics and Management

Contact information

elli.verhulst@ntnu.no
+47 73590164

Expertise

Sustainable innovation and entrepreneurship, interdisciplinary collaboration, human factors sustainable/circular business models, integration processes, method and tool development,

Relevant projects

- Integration of sustainability in innovation processes at SMEs - different projects
- Tools and method development for sustainable innovation and entrepreneurship - different projects
- **Digifab**, supporting SMEs to move towards Industry 4.0 (NFR funding)
- Prisms Practical and Innovative Solutions for Manufacturing Sustainability (University of Cambridge, IfM ECS)
- **HoIE-LIB** – Developing a Holistic Ecosystem for Sustainable Repurposing and/or Recycling of Lithium-ion Batteries (LIBs) in Norway and EU (NTNU Sustainability)
- **MINDER** - Methodologies for Improvement of Non-residential buildings' Day-to-day Energy efficiency Reliability (NFR funding)
- **SFU Engage** – Entrepreneurship education for educators (HKdir)



Sara Brinch

Department of Design
Faculty of Architecture and Design

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Expertise

My research expertise is related to media studies, film studies and visual culture, and is oriented towards data visualization, visual communication and the question of sustainable transformations in the anthropocene.

Relevant projects

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[LINK](#)



Arne Anderson Stamnes

Department of Archaeology and Cultural history
Faculty of NTNU University Museum

Contact information

arne.stamnesi@ntnu.no
+49 90958457

Relevant links outside academia

Good communication and contact with various instrument manufacturers.

Expertise

Non-instrusive geophysical investigations of cultural heritage monuments and landscapes, GIS-modelling, cultural historical analysis, landscape archaeology

Relevant projects

Various collaborative and commercial archaeo-geophysical projects in Norway and Abroad.

Norwegian Research-Council funded International Mobility Grant ("PastCoast").



Eleftherios Papachristou

Department of Design
Faculty of Architecture and Design

Contact information

eleftherios.papachristos@ntnu.no

+47 47707238

Expertise

- Human-Centred Artificial Intelligence design
- Human-Computer Interaction
- Interaction design
- Conversational Interfaces,
- Value-centered AI
- Ethics/trust/transparency and AI
- Interface Evaluation.

Relevant projects

rurALLURE (EU H2020 CSA)

INTER-SOCIAL (EU INTERREG)

SERIES (EU FP7 CSA)

QALIBRA (EU FP6 CSA)



Govert Valkenburg

Department of Interdisciplinary Studies of Culture
Faculty of Humanities

Contact information

govert.valkenburg@ntnu.no
+47 94896748

Expertise

Social scientist with additional backgrounds in engineering and classical music, well-versed in processes of knowledge production, knowledge exchange, and the use of knowledge for democratic and managerial processes.

Has contracted important expertise in connecting high-tech research and development with traditional and indigenous knowledges, and with cultural categories, moral and ethical frameworks, and public and political debate.

These connections have been made across such diverse fields as energy and sustainability transitions, medical research, infrastructures, and digital technologies in relation to privacy and security.

Relevant projects

My research experience of 20 years has been entirely project-based. European projects have included:

- PRISMS (privacy and security),
- MILESECURE2050 (low-carbon transitions and energy security).



Andre Liem

Department of Design
Faculty of Architecture and Design

Contact information

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+47940774215

Expertise

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