CLUSTER 2
HORIZON EUROPE

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

PRODUCED BY: NTNU BRUSSELS OFFICE, SU FACULTY, HF FACULTY, OK FACULTY AND NTNU UNIVERSITY MUSEUM
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Dear Reader,

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

We have matched our researchers to the upcoming Horizon Europe calls, based on both their expertise and the industry relations they can bring to the bid.

As the largest university in Norway - NTNU: the Norwegian University of Science and Technology - we can be a powerful partner and collaborator. With 240 signed projects and € 133 million in funding from Horizon 2020, we have currently achieved the University’ set targets for it.

And we are setting even more ambitious targets, for Horizon Europe, making it one of the centerpieces of our international strategy.

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 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.**
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.

FACTS

NOK 9,4 billion annual budget 41 971 students 7401 person-years 406 doctoral degrees

NTNU offers 371 programmes of study (2019), 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 that is awarded most funding from the Research Council in Norway, as well as being granted with 240 signed projects and a total funding of €133 million from Horizon 2020 (and 11 more projects in the process of being signed). Moreover, NTNU is a host or partner for 46 major research centres (SFF, SFI, and FME), and has internal initiatives to develop and recruit top researchers.

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 participation in more than 30 H2020 projects, 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:
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 five people, Director Massimo Busuoli, one intern and two trainees, as well as an EU advisor which is stationed in Brussels for the Faculty of Information Technology and Electrical Engineering (IE). 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
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 (HAIL, CityxChange, EIT RawMaterials)
- Citizen science and democracy (RECONNECT, ISEED)
- Health (H-WORK, UPRIGHT)
- 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.
The Faculty of Humanities at NTNU is responsible for teaching and research within a broad range of disciplines in the Humanities: Language and Communication, Archaeology, History, Heritage Management, Culture, Religion, Philosophy, Literature and Fine Arts.

The Faculty is the humanistic force within the main profile of technology and natural sciences specific for NTNU. Through its emphasis on reflection and critical thinking, the Faculty’s aim is to contribute to NTNU’s development of its role as an educational and research institution, in close dialogue with society, culture, industry and commerce. Furthermore, to create a sustainable society by solving the challenges at the local, national and international levels, our researchers explore how culture and history shape our understanding and choices.

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

**Research at HF Faculty**

Here are some examples in the following EU funded projects:

- Energy climate and environment research (ARV, INVADE, SHAPE-ENERY, ENERGY-Shifts, iclimabuilt, SENDER, QUEST)
- Gender and ethics analysis (SunRise, ULTIMATE, NextGen, STOP-IT, BINGO)
- Integration, cultural diversity and understanding (EASYRIGHTS)
- Language learning and processing (SellSTEM, e-LADDA, DCOMM)
- Arts and heritage studies (HANSEALTAR, RevolutionallyOpScan)
- Responsible Research and Innovation (ISEED, FiT4RRI, Robotics4EU, ETHNA)
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
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 Gunnerus
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 - Fakultet for arkitektur og design – Tone Woie Alstadheim og Srutarshi Pradhan
- HF - Det humanistiske fakultet – Chamila Thushari Attanapola og Thomas Aarnseth
- IE - Fakultet for informasjonsteknologi og elektroteknikk – Nathalie Søyseth
- IV - Fakultet for ingeniørvitenskap – Ingunn Syrstad Bøgeberg og Miriam K. Khider
- MH - Fakultet for medisin og helsevitenskap – Emma Louise Walton og Morgane Colleau
- NV - Fakultet for naturvitenskap – Thais Mothe-Diniz og Eugen Gravningen Sørmo
- SU - Fakultet for samfunns- og utdanningsvitenskap – Bård Li og Jens Rohloff
- ØK - Faculty of Economics and Management – Gunnar Bendheim
- VM - NTNU University Museum – Solveig Bakken
- NTNU in Gjøvik – Anne Hilde Ruen Nymoen
- NTNU in Ålesund – Kirsti Brekke
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 the draft for cluster 2. To simplify your navigation among available expertises 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

HORIZON-CL2-2022-DEMOCRACY-01-01 Artificial intelligence, big data and democracy

HORIZON-CL2-2022-DEMOCRACY-01-02 The future of democracy and civic participation

HORIZON-CL2-2022-DEMOCRACY-01-03 The impact of inequalities on democracy

HORIZON-CL2-2022-DEMOCRACY-01-04 Education for democracy

HORIZON-CL2-2022-DEMOCRACY-01-05 Evolution of political extremism and its influence on contemporary social and political dialogue

HORIZON-CL2-2022-DEMOCRACY-01-06 Media for democracy – democratic media

HORIZON-CL2-2022-DEMOCRACY-01-07 Politics and the impact of online social networks and new media

HORIZON-CL2-2022-DEMOCRACY-01-08 Representative democracy in flux

HORIZON-CL2-2022-DEMOCRACY-01-09 Global governance for a world in transition: Norms, institutions, actors
Florian Schneider
TRONDHEIM ACADEMY OF FINE ART
FACULTY OF ARCHITECTURE AND DESIGN

Expertise
Florian Schneider is a filmmaker, writer, and curator. In his work he investigates relations of “imaginary property” and new divisions of labour within the cultural and creative industries. As a filmmaker, he has been engaged in a wide range of processes to rethink impact and value of documentary practices across disciplines. Since 2013 he is Professor for Art Theory and Documentary Practices. He served from 2014 to 2021 as Head of the Trondheim Academy of Fine Art at NTNU, Norwegian University of Science and Technology. Since 2019 he is Chair of the COST action “European Forum for Advanced Practices”.

Contact information
florian.schneider@ntnu.no
+47 99345178

Relevant industry contacts
Connections to institutions (museums, collectors, galleries, festivals, theaters, foundations, research centers), labor unions, as well as protagonists in the cultural and creative sector. Many links to developers and service providers in the digital industries, as well as policy makers and SME’s in the creative sector etc.

Fredrik Mørk Røkenes
DEPARTMENT OF TEACHER EDUCATION
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
Professional digital competence, professional development, teacher education, English as a Second Language, English as a Foreign Language, Computer-assisted language learning, English didactics, ICT.

Contact information
fredrr@ntnu.no
+47 73598148

Relevant industry contacts
Orkdal/Øy municipal, Trondheim municipal, Trøndelag municipal

Relevant projects
Language, Integration, and Media (LIM): Developing language resources for newly arrived migrants

Digitalization of Primary and Lower Secondary School Teacher Education (DigGiLU): Developing professional digital competence in teacher education

Teaching and Transfer Effects of 21st Century Skills - Collaborative Problem Solving in Digital Environments (TEACH21st)
Lucas Bietti
DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission.
I have conducted a series of studies tracking the evolution of people's emotions in social media (Twitter). One of these studies has received international media coverage.

Contact information
lucas.bietti@ntnu.no

Relevant industry contacts
Innovi Technologies, LTD. (Tel Aviv). TRIZZ creative studio (Barcelona and Dusseldorf).

Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He's also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.
He's affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontotechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Contact information
roger.soraa@ntnu.no
+47 48148781

Relevant industry contacts
Expert evaluator ERC.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
Øyvind Brandtsegg
DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Contact information
øyvind.brandtsegg@ntnu.no

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
"Communication and interplay in an electronically based ensemble".
"The development of an online course in DSP ear training".
"Crossadaptive processing as musical intervention".
"Hadron Particle Synthesizer".
"Live Convolution with Time-Varying Filters".
"Vibrotactile materials in artistic performance"
Carine Lausselet

**DEPARTMENT OF ENERGY AND PROCESS ENGINEERING**

**FACULTY OF ENGINEERING**

**Expertise**
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

**Relevant projects**
FME Cenbio
FME ZEN

Contact information

carine.lausselet@ntnu.no
+47 46789264

Relevant industry contacts
Industry, public sector and other research institutes

Florian Schneider

**TRONDHEIM ACADEMY OF FINE ART**

**FACULTY OF ARCHITECTURE AND DESIGN**

**Expertise**
Florian Schneider is a filmmaker, writer, and curator. In his work he investigates relations of "imaginary property" and new divisions of labour within the cultural and creative industries. As a filmmaker, he has been engaged in a wide range of processes to rethink impact and value of documentary practices across disciplines. Since 2013 he is Professor for Art Theory and Documentary Practices. He served from 2014 to 2021 as Head of the Trondheim Academy of Fine Art at NTNU, Norwegian University of Science and Technology. Since 2019 he is Chair of the COST action “European Forum for Advanced Practices”.

**Relevant projects**
COST action CA 18136 “European Forum for Advanced Practices” (original submitter and chair)
D-A-S-H -- networking against exclusion (Project development and management)
JFF Institut für Medienpädagogik in Forschung und Praxis supported Bundesministerium für Familie, Senioren, Frauen und Jugend, Youth Program action 5 of the European Union, Bundeszentrale für politische Bildung 2002 to 2006

Contact information

florian.schneider@ntnu.no
+47 99345178

Relevant industry contacts
Connections to institutions (museums, collectors, galleries, festivals, theaters, foundations, research centers), labor unions, as well as protagonists in the cultural and creative sector. Many links to developers and service providers in the digital industries, as well as policy makers and SME's in the creative sector etc.

Ole Magnus Theisen

**DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE**

**FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES**

**Expertise**
Climate change and conflict, resource scarcity and conflict, climate mitigation and social friction.

**Relevant projects**
CLIMSEC
CAVE
African BioServices

Contact information

ole.magnus.theisen@ntnu.no
+47 90035558
Pieter de Wilde
DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
Pieter de Wilde studies political conflict over globalization and European integration, with a particular focus on public debates. His research links normative democracy theory with empirical political communication and behavior research.
His recent research focuses on how globalization conflict, the rise of cosmopolitanism and communitarianism, and unelected representatives like Greta Thunberg are reshaping democratic politics and challenging liberal democracy in Europe.

Contact information
pieter.dewilde@ntnu.no
+47 73596428

Relevant projects
UNelected REPresentatives: The Impact on Liberal Democracy in Europe (UNREP)
Reconnecting Europe with its Citizens through Democracy and Rule of Law (RECONNECT)
The Political Sociology of Cosmopolitanism and Communitarianism
Carine Lausselet
DEPARTMENT OF ENERGY AND PROCESS ENGINEERING
FACULTY OF ENGINEERING
Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)
Relevant projects
FME Cenbio
FME ZEN

Florian Schneider
TRONDHEIM ACADEMY OF FINE ART
FACULTY OF ARCHITECTURE AND DESIGN
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COST action CA 18136 “European Forum for Advanced Practices” (original submitter and chair)
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Ole Magnus Theisen
DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES
Expertise
Climate change and conflict, resource scarcity and conflict, climate mitigation and social friction.
Relevant projects
CLIMSEC
CAVE
African BioServices
Roberto Iacono

DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
roberto.iacono@ntnu.no
+47 90946148

Expertise
Public Economics and Inequality.

Roger Andre Søraa

DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Contact information
roger.soraa@ntnu.no
+47 48148781

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
Asbjørn Dyrendal
DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
FACULTY OF HUMANITIES

Expertise
Conspiracy theories, conspiracy culture, contemporary religion, extremism.

Relevant projects
COMPACT

Contact information
asbjorn.dyrendal@ntnu.no
+47 90639519

Relevant industry contacts
School sector, national and international skeptic's movement, humanist movement.

Eir-Anne Edgar
DEPARTMENT OF TEACHER EDUCATION
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
English, literature, American studies, education.

Relevant projects

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

Marek E. Jasinski
DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES
FACULTY OF HUMANITIES

Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects
Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway.
Re-CALL - Enacting Painful Heritage of Europe.
Accessing Campscapes of WWII in Europe.
King Øystein Harbour at Agdenes.
Ormen Lange Deep-Water Archaeological Project.
Pomors in Grumant. Russian Hunting Stations in Spitsbergen.
Norse Settlements in Greenland. A Maritime Perspective.
Expedition. The Unicorn Wreck. Russian Pink in Norwegian Waters.

Contact information
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+49 92612121

Relevant industry contacts
Public Sector, Industry, NGOs.
Maria Fritsche
DEPARTMENT OF MODERN HISTORY AND SOCIETY
FACULTY OF HUMANITIES

Contact information
maria.fritsche@ntnu.no
+47 99893416

Expertise
Film and cinema history 20th century
Europe cultural transfer/transnational exchange cultural diplomacy WWII and postwar Europe gender/masculinities.

Expertise on the production and distribution of promotional/information films.

Relevant projects
Postwar Austrian cinema - societal functions of popular cinema
US film propaganda in Europe - the Marshall Plan Film Campaign and its reception

Relevant industry contacts
Museums; libraries

Paula Rice
DEPARTMENT OF INTERNATIONAL BUSINESS
FACULTY OF ECONOMICS AND MANAGEMENT

Contact information
pari@ntnu.no
+47 45394836

Expertise
Multilingualism and language learning.
Critical pedagogies in higher education, inclusivity and decolonisation.

Relevant projects
Education bilingualism and identity.
Asbjørn Dyrendal

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
FACULTY OF HUMANITIES

Contact information
asbjorn.dyrendal@ntnu.no
+47 90639519

Expertise
Conspiracy theories, conspiracy culture, contemporary religion, extremism.

Relevant projects
COMPACT

Relevant industry contacts
School sector, national and international skeptic's movement, humanist movement.

Lucas Bietti

DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
lucas.bietti@ntnu.no

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission. I have studied the multiple ways in which generations remember personal experiences in relation to periods of political violence in Argentina.

Relevant projects

Relevant industry contacts
Innovi Technologies, LTD. (Tel Aviv). TRIZZ creative studio (Barcelona and Dusseldorf).

Ole Magnus Theisen

DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
ole.magnus.theisen@ntnu.no
+47 90035558

Expertise
Climate change and conflict, resource scarcity and conflict, climate mitigation and social friction.

Relevant projects
CLIMSEC
CAVE
African BioServices
Carine Lausselet
DEPARTMENT OF ENERGY AND PROCESS ENGINEERING
FACULTY OF ENGINEERING

Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

Contact information
carine.lausselet@ntnu.no
+47 46789264

Relevant projects
FME Cenbio
FME ZEN

Florian Schneider
TRONDHEIM ACADEMY OF FINE ART
FACULTY OF ARCHITECTURE AND DESIGN

Expertise
Florian Schneider is a filmmaker, writer, and curator. In his work he investigates relations of "imaginary property" and new divisions of labour within the cultural and creative industries. As a filmmaker, he has been engaged in a wide range of processes to rethink impact and value of documentary practices across disciplines. Since 2013 he is Professor for Art Theory and Documentary Practices. He served from 2014 to 2021 as Head of the Trondheim Academy of Fine Art at NTNU, Norwegian University of Science and Technology. Since 2019 he is Chair of the COST action “European Forum for Advanced Practices”.

Contact information
florian.schneider@ntnu.no
+47 99345178

Relevant projects
COST action CA 18136 "European Forum for Advanced Practices" (original submitter and chair)
D-A-S-H -- networking against exclusion (Project development and management)
JFF Institut für Medienpädagogik in Forschung und Praxis supported Bundesministerium für Familie, Senioren, Frauen und Jugend, Youth Program action 5 of the European Union, Bundeszentrale für politische Bildung 2002 to 2006

Relevant industry contacts
Connections to institutions (museums, collectors, galleries, festivals, theaters, foundations, research centers), labor unions, as well as protagonists in the cultural and creative sector. Many links to developers and service providers in the digital industries, as well as policy makers and SME's in the creative sector etc.
Fredrik Mørk Røkenes
DEPARTMENT OF TEACHER EDUCATION
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
Professional digital competence, professional development, teacher education, English as a Second Language, English as a Foreign Language, Computer-assisted language learning, English didactics, ICT.

Contact information
fredrr@ntnu.no
+47 73598148

Relevant industry contacts
Orkdal/Øy municipal, Trondheim municipal, Trøndelag municipal

Relevant projects
Language, Integration, and Media (LIM): Developing language resources for newly arrived migrants
Digitalization of Primary and Lower Secondary School Teacher Education (DigGiLU): Developing professional digital competence in teacher education
Teaching and Transfer Effects of 21st Century Skills - Collaborative Problem Solving in Digital Environments (TEACH21st)

Julia Leyda
DEPARTMENT OF ART AND MEDIA STUDIES
FACULTY OF HUMANITIES

Expertise
Film and television studies; cultural studies; intersectional feminism; environmental humanities

Contact information
julia.leyda@ntnu.no

Relevant industry contacts
Art galleries; film festivals

Relevant projects
Postwar Austrian cinema - societal functions of popular cinema
US film propaganda in Europe - the Marshall Plan Film Campaign and its reception

Maria Fritsche
DEPARTMENT OF MODERN HISTORY AND SOCIETY
FACULTY OF HUMANITIES

Expertise
Film and cinema history 20th century Europe cultural transfer/transnational exchange cultural diplomacy WWII and postwar Europe gender/masculinities. Expertise on the production and distribution of promotional/information films.

Contact information
maria.fritsche@ntnu.no
+47 99893416

Relevant industry contacts
Museums; libraries

Relevant projects
Postwar Austrian cinema - societal functions of popular cinema
US film propaganda in Europe - the Marshall Plan Film Campaign and its reception
Roger Andre Søraa

DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home. He's also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS. He's affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.

Research Interests: Robotization of gerontechnologies, transport and agriculture
Automation of work and practises
Digitalization of society and social media
Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)

Contact information
roger.soraa@ntnu.no
+47 48148781

Relevant industry contacts
Expert evaluator ERC.

Øyvind Brandtsegg

DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
"Communication and interplay in an electronically based ensemble".
"The development of an online course in DSP ear training".
"Crossadaptive processing as musical intervention".
"Hadron Particle Synthesizer".
"Live Convolution with Time-Varying Filters".
"Vibrotactile materials in artistic performance"

Contact information
øyvind.brandtsegg@ntnu.no
Lucas Bietti
DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission.
I am currently working on a research project on the impact of COVID-19 lockdown policies and social distancing measures in WhatsApp group messages.

Contact information
lucas.bietti@ntnu.no

Relevant projects

Relevant industry contacts
Innovi Technologies, LTD. (Tel Aviv). TRIZZ creative studio (Barcelona and Dusseldorf).
Florian Schneider
TRONDHEIM ACADEMY OF FINE ART
FACULTY OF ARCHITECTURE AND DESIGN

Expertise
Florian Schneider is a filmmaker, writer, and curator. In his work he investigates relations of "imaginary property" and new divisions of labour within the cultural and creative industries. As a filmmaker, he has been engaged in a wide range of processes to rethink impact and value of documentary practices across disciplines. Since 2013 he is Professor for Art Theory and Documentary Practices. He served from 2014 to 2021 as Head of the Trondheim Academy of Fine Art at NTNU, Norwegian University of Science and Technology. Since 2019 he is Chair of the COST action "European Forum for Advanced Practices".

Relevant projects
COST action CA 18136 "European Forum for Advanced Practices" (original submitter and chair)
D-A-S-H -- networking against exclusion (Project development and management)
JFF Institut für Medienpädagogik in Forschung und Praxis supported Bundesministerium für Familie, Senioren, Frauen und Jugend, Youth Program action 5 of the European Union, Bundeszentrale für politische Bildung 2002 to 2006

Ole Magnus Theisen
DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
Climate change and conflict, resource scarcity and conflict, climate mitigation and social friction.

Relevant projects
CLIMSEC
CAVE
African BioServices

Pieter de Wilde
DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
Pieter de Wilde studies political conflict over globalization and European integration, with a particular focus on public debates. His research links normative democracy theory with empirical political communication and behavior research. His recent research focuses on how globalization conflict, the rise of cosmopolitanism and communitarianism, and unelected representatives like Greta Thunberg are reshaping democratic politics and challenging liberal democracy in Europe.

Relevant projects
UNelected REPresentatives: The Impact on Liberal Democracy in Europe (UNREP)
Reconnecting Europe with its Citizens through Democracy and Rule of Law (RECONNECT)
The Political Sociology of Cosmopolitanism and Communitarianism
Carine Lausselet
DEPARTMENT OF ENERGY AND PROCESS ENGINEERING
FACULTY OF ENGINEERING

Contact information
carine.lausselet@ntnu.no
+47 46789264

Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

Relevant projects
FME Cenbio
FME ZEN

Ole Magnus Theisen
DEPARTMENT OF SOCIOLOGY AND POLITICAL SCIENCE
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
ole.magnus.theisen@ntnu.no
+47 90035558

Expertise
Climate change and conflict, resource scarcity and conflict, climate mitigation and social friction.

Relevant projects
CLIMSEC
CAVE
African BioServices
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 the draft for 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

HORIZON-CL2-2022-HERITAGE-01-01 Safeguarding endangered languages in Europe

HORIZON-CL2-2022-HERITAGE-01-02 Europe's cultural heritage and arts - promoting our values at home and abroad

HORIZON-CL2-2022-HERITAGE-01-03 The role of perceptions, formed by traditions, values and beliefs, in shaping European societies and politics in the 21st century

HORIZON-CL2-2022-HERITAGE-01-04 Traditional crafts for the future: a new approach

HORIZON-CL2-2022-HERITAGE-01-05 Towards a competitive, fair and sustainable European music ecosystem

HORIZON-CL2-2022-HERITAGE-01-07 Protection of artefacts and cultural goods from anthropogenic threats

HORIZON-CL2-2022-HERITAGE-01-08 Effects of climate change and natural hazards on cultural heritage and remediation

HORIZON-CL2-2022-HERITAGE-01-09 Games and culture shaping our society

HORIZON-CL2-2022-HERITAGE-01-10 The New European Bauhaus - shaping a greener and fairer way of life in creative and inclusive societies through Architecture, Design and Arts
Marek E. Jasinski

**Contact information**
marek.jasinski@ntnu.no
+49 92612121

**Relevant industry contacts**
Public Sector, Industry, NGOs.

**Expertise**
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

**Relevant projects**
Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway,
Re-CALL - Enacting Painful Heritage of Europe.
Accessing Campscapes of WWII in Europe.
King Øystein Harbour at Agdenes.
Ormen Lange Deep-Water Archaeological Project.
Pomors in Grumant. Russian Hunting Stations in Spitsbergen.
Norse Settlements in Greenland. A Maritime Perspective.
Expedition. The Unicorn Wreck. Russian Pink in Norwegian Waters.
Paula Rice

DEPARTMENT OF INTERNATIONAL BUSINESS
FACULTY OF ECONOMICS AND MANAGEMENT

Contact information
pari@ntnu.no
+47 45394836

Expertise
Multilingualism and language learning. Critical pedagogies in higher education, inclusivity and decolonisation.

Relevant projects
Education bilingualism and identity.
Julia Leyda

DEPARTMENT OF ART AND MEDIA STUDIES
FACULTY OF HUMANITIES

Contact information
julia.leyda@ntnu.no

Relevant industry contacts
Art galleries; film festivals

Expertise
Film and television studies; cultural studies; intersectional feminism; environmental humanities

Marek E. Jasinski

DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES
FACULTY OF HUMANITIES

Contact information
marek.jasinski@ntnu.no
+49 92612121

Relevant industry contacts
Public Sector, Industry, NGOs.

Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects
Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway.
Re-CALL - Enacting Painful Heritage of Europe. Accessing Campscapes of WWII in Europe.
King Øystein Harbour at Agdenes.
Ormen Lange Deep-Water Archaeological Project.
Pomors in Grumant. Russian Hunting Stations in Spitsbergen.
Norse Settlements in Greenland. A Maritime Perspective.
Expedition. The Unicorn Wreck. Russian Pink in Norwegian Waters.

Maria Fritsche

DEPARTMENT OF MODERN HISTORY AND SOCIETY
FACULTY OF HUMANITIES

Contact information
maria.fritsche@ntnu.no
+47 99893416

Relevant industry contacts
Museums; libraries

Expertise
Film and cinema history 20th century
Europe cultural transfer/transnational exchange cultural diplomacy WWII and postwar Europe gender/masculinities.

Expertise on film as transmitter of cultural values, movie theatres and their social functions.

Relevant projects
Postwar Austrian cinema - societal functions of popular cinema
US film propaganda in Europe - the Marshall Plan Film Campaign and its reception
Øyvind Ødegård
DEPARTMENT OF ARCHAEOLOGY AND CULTURAL HISTORY
NTNU UNIVERSITY MUSEUM

Contact information
øyvind.odegård@ntnu.no
+47 95037787

Expertise
Marine Archaeology
Underwater Robotics
Arctic cultural heritage

Relevant projects
Center of Excellence - AMOS Center for Autonomous Marine Operations and Systems

Relevant industry contacts
Some industry links - subsea sector
Directorate for Cultural Heritage
Governor of Svalbard

Ocean science, Arctic environments, marine ecosystems.
Julia Leyda
DEPARTMENT OF ART AND MEDIA STUDIES
FACULTY OF HUMANITIES

Contact information
julia.leyda@ntnu.no

Expertise
Film and television studies; cultural studies; intersectional feminism; environmental humanities

Relevant industry contacts
Art galleries; film festivals

Lucas Bietti
DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
lucas.bietti@ntnu.no

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission. Extensive experience in the field of collective memory and cultural transmission.

Relevant projects

Relevant industry contacts
Innovi Technologies, LTD. (Tel Aviv). TRIZZ creative studio (Barcelona and Dusseldorf).

Maria Fritsche
DEPARTMENT OF MODERN HISTORY AND SOCIETY
FACULTY OF HUMANITIES

Contact information
maria.fritsche@ntnu.no
+47 99893416

Expertise
Film and cinema history 20th century Europe cultural transfer/transnational exchange cultural diplomacy WWII and postwar Europe gender/masculinities.

Relevant projects
Postwar Austrian cinema - societal functions of popular cinema
US film propaganda in Europe - the Marshall Plan Film Campaign and its reception
HORIZON-CL2-2022-HERITAGE-01-03: THE ROLE OF PERCEPTIONS, FORMED BY TRADITIONS, VALUES AND BELIEFS, IN SHAPING EUROPEAN SOCIETIES AND POLITICS IN THE 21ST CENTURY

Roberto Iacono
DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
roberto.iacono@ntnu.no
+47 90946148

Expertise
Public Economics and Inequality.

Øyvind Brandtsegg
DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Contact information
øyvind.brandtsegg@ntnu.no

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
"Communication and interplay in an electronically based ensemble".
"The development of an online course in DSP ear training".
"Crossadaptive processing as musical intervention".
"Hadron Particle Synthesizer".
"Live Convolution with Time-Varying Filters".
"Vibrotactile materials in artistic performance"
Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home. He’s also affiliated with Department of Neuroscience, where he works on the project LIFE BOTS. He’s affiliated with RURALIS, where he researcher on SmA T – Smart technology for sustainable agriculture. Research Interests: Robotization of gerontechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
- Robotics4EU (2020-2023)
- AUTOWORK (2019-2024)
- DRIVERS (2018-2022)
- LIFE BOTS (2019-2023)
- LIFE BOTS Exchange Extended (2019-2021)
- SmA T (2018-2022)

Past projects:
- Energy-SHIFT (2019-2021)
- eWare (2017 -2021)
- Crafting Climate transitions from below (2014 -2018)
- RoboCare (2016)
- SHAPE energy (2017-2019)

Contact information
roger.soraa@ntnu.no
+47 48148781

Øyvind Brandtsegg
DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
- "Communication and interplay in an electronically based ensemble".
- "The development of an online course in DSP ear training".
- "Crossadaptive processing as musical intervention".
- "Hadron Particle Synthesizer".
- "Live Convolution with Time-Varying Filters".
- "Vibrotactile materials in artistic performance"
HORIZON-CL2-2022-HERITAGE-01-05: TOWARDS A COMPETITIVE, FAIR AND SUSTAINABLE EUROPEAN MUSIC ECOSYSTEM

Øyvind Brandtsegg
DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Contact information
øyvind.brandtsegg@ntnu.no

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
"Communication and interplay in an electronically based ensemble".
"The development of an online course in DSP ear training".
"Crossadaptive processing as musical intervention".
"Hadron Particle Synthesizer".
"Live Convolution with Time-Varying Filters".
"Vibrotactile materials in artistic performance"
Marek E. Jasinski
DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES
FACULTY OF HUMANITIES

Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects
Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway, Re-CALL - Enacting Painful Heritage of Europe.
Accessing Campscapes of WWII in Europe. King Øystein Harbour at Agdenes.
Norse Settlements in Greenland. A Maritime Perspective.
Expedition. The Unicorn Wreck. Russian Pink in Norwegian Waters.

Contact information
marek.jasinski@ntnu.no
+49 92612121

Relevant industry contacts
Public Sector, Industry, NGOs.

Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOOTS.
He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects: Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOOTS (2019-2023)
LIFEBOOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)

Contact information
roger.soraa@ntnu.no
+47 48148781

Relevant industry contacts
Expert evaluator ERC.
HORIZON-CL2-2022-HERITAGE-01-07: PROTECTION OF ARTEFACTS AND CULTURAL GOODS FROM ANTHROPOGENIC THREATS

Øyvind Ødegård
DEPARTMENT OF ARCHAEOLOGY AND CULTURAL HISTORY
NTNU UNIVERSITY MUSEUM

Contact information
øyvind.odegard@ntnu.no
+47 95037787

Expertise
Marine Archaeology
Underwater Robotics
Arctic cultural heritage

Relevant industry contacts
Some industry links - subsea sector
Directorate for Cultural Heritage
Governor of Svalbard

Relevant projects
Center of Excellence - AMOS Center for Autonomous Marine Operations and Systems
Carmen Cuenca-Garcia
DEPARTMENT OF ARCHAEOLOGY AND CULTURAL HISTORY
NTNU UNIVERSITY MUSEUM

Contact information
carmen.cuenca-garcia@ntnu.no
+47 92651106

Expertise
Archaeological geophysics, remote sensing (cultural heritage), archaeological prospection, non-destructive methods in archaeology.

Relevant projects
IGEAN ‘Innovative Geophysical Approaches for the Study of Early Agricultural Villages of Neolithic Thessaly’.

Lucas Bietti
DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
lucas.bietti@ntnu.no

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission. Extensive experience in the field of collective memory and cultural transmission.

Relevant projects

Marek E. Jasinski
DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES
FACULTY OF HUMANITIES

Contact information
marek.jasinski@ntnu.no
+49 92612121

Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects
Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway.
Re-CALL - Enacting Painful Heritage of Europe. Accessing Campscapes of WWII in Europe.
King Øystein Harbour at Agdenes.
Ormen Lange Deep-Water Archaeological Project.
Ole Risbøl
DEPARTMENT OF ARCHAEOLOGY AND CULTURAL HISTORY
NTNU UNIVERSITY MUSEUM

Contact information
ole.risbol@ntnu.no

Expertise
Archaeology, Remote sensing, LiDAR/Airborne laser scanning, Cultural heritage management, Outfield archaeology, Early tar production

Relevant projects
The uses of advanced technology in understanding, preservation and management of cultural heritage. The ArchaeoLandscapes Europe project. Ludwig Boltzmann Institute for Archaeological Prospection & Virtual Archaeology. DYLAN – Managing dynamic landscapes.

Oyvind Ødegård
DEPARTMENT OF ARCHAEOLOGY AND CULTURAL HISTORY
NTNU UNIVERSITY MUSEUM

Contact information
oyvind.odegard@ntnu.no
+47 95037787

Expertise
Marine Archaeology
Underwater Robotics
Arctic cultural heritage
Ocean science, Arctic environments, marine ecosystems.

Relevant projects
Center of Excellence - AMOS Center for Autonomous Marine Operations and Systems
Fredrik Mørk Røkenes

DEPARTMENT OF TEACHER EDUCATION
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
fredrr@ntnu.no
+47 73598148

Expertise
Professional digital competence, professional development, teacher education, English as a Second Language, English as a Foreign Language, Computer-assisted language learning, English didactics, ICT.

Relevant industry contacts
Orkdal/Øy municipal, Trondheim municipal, Trøndelag municipal

Relevant projects
Language, Integration, and Media (LIM): Developing language resources for newly arrived migrants
Digitalization of Primary and Lower Secondary School Teacher Education (DigGiLU): Developing professional digital competence in teacher education
Teaching and Transfer Effects of 21st Century Skills - Collaborative Problem Solving in Digital Environments (TEACH21st)

Lucas Bietti

DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
lucas.bietti@ntnu.no

Expertise
I have worked on the interdisciplinary field of Memory Studies for 15+ years. I have published one book monograph, one edited book, three special issues and 30+ research articles related to collective memory, storytelling, and cultural transmission. Extensive experience in the field of collective memory and cultural transmission.

Relevant industry contacts
Innovi Technologies, LTD. (Tel Aviv), TRIZZ creative studio (Barcelona and Dusseldorf).

Relevant projects
Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.
He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture
Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
- Robotics4EU (2020-2023)
- AUTOWORK (2019-2024)
- DRIVERS (2018-2022)
- LIFEBOTS (2019-2023)
- LIFEBOTS Exchange Extended (2019-2021)
- SmaT (2018-2022)

Past projects:
- Energy-SHIFT (2019-2021)
- eWare (2017 -2021)
- Crafting Climate transitions from below (2014 -2018)
- RoboCare (2016)
- SHAPE energy (2017-2019)

Contact information
roger.soraa@ntnu.no
+47 48148781

Relevant industry contacts
Expert evaluator ERC.

Øyvind Brandtsegg
DEPARTMENT OF MUSIC
FACULTY OF HUMANITIES

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
- "Communication and interplay in an electronically based ensemble".
- "The development of an online course in DSP ear training".
- "Crossadaptive processing as musical intervention".
- "Hadron Particle Synthesizer".
- "Live Convolution with Time-Varying Filters".
- "Vibrotactile materials in artistic performance"

Contact information
øyvind.brandtsegg@ntnu.no
Øyvind Brandtsegg

Contact information
øyvind.brandtsegg@ntnu.no

Expertise
New musical instruments, digital lutherie, granular synthesis, live convolution, feedback systems, improvisation, algorithmic composition, artificial intelligence.

Relevant projects
"Communication and interplay in an electronically based ensemble".
"The development of an online course in DSP ear training".
"Crossadaptive processing as musical intervention".
"Hadron Particle Synthesizer".
"Live Convolution with Time-Varying Filters".
"Vibrotactile materials in artistic performance"
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 the draft for cluster 2. To simplify your navigation among available expertises per topic, the list of topics have been made clickable.
HORIZON-CL2-2022-TRANSFORMATIONS-01-01 Public policies and indicators for well-being and sustainable development

HORIZON-CL2-2022-TRANSFORMATIONS-01-02 The impact of spatial mobility on European demographics, society, welfare system and labour market

HORIZON-CL2-2022-TRANSFORMATIONS-01-03 Conditions of irregular migrants in Europe

HORIZON-CL2-2022-TRANSFORMATIONS-01-04 Decision-making processes of (aspiring) migrants

HORIZON-CL2-2022-TRANSFORMATIONS-01-05 Gender and social, economic and cultural empowerment

HORIZON-CL2-2022-TRANSFORMATIONS-01-06 Overcoming discrimination for an inclusive labour market

HORIZON-CL2-2022-TRANSFORMATIONS-01-07 Conditions for the successful development of skills matched to needs

HORIZON-CL2-2022-TRANSFORMATIONS-01-08 Strengthening racial, ethnic and religious equality

HORIZON-CL2-2022-TRANSFORMATIONS-01-09 Return and readmission of irregular migrants in the EU

HORIZON-CL2-2022-TRANSFORMATIONS-01-10 Socio-economic effects of ageing societies
HORIZON-CL2-2022-TRANSFORMATIONS-01-01: PUBLIC POLICIES AND INDICATORS FOR WELL-BEING AND SUSTAINABLE DEVELOPMENT

Inger Dagrun Langseth

DEPARTMENT OF TEACHER EDUCATION
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
inger.langseth@ntnu.no
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Expertise
Online teaching and learning, assessment.

Relevant projects
Erasmus+ KA2 Coaching school to face challenge ahead (COACH project 2015-2017)
Comenius 3 Network NEOTHEMI (Cultural heritage)

Roberto Iacono

DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
roberto.iacono@ntnu.no
+47 90946148

Expertise
Public Economics and Inequality.

Roger Andre Søraa

DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Contact information
roger.soraa@ntnu.no
+47 48148781

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.
He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
Carine Lausselet
DEPARTMENT OF ENERGY AND PROCESS ENGINEERING
FACULTY OF ENGINEERING

Contact information
carine.lausselet@ntnu.no
+47 46789264

Relevant industry contacts
Industry, public sector and other research institutes

Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

Relevant projects
FME Cenbio
FME ZEN

Julia Leyda
DEPARTMENT OF ART AND MEDIA STUDIES
FACULTY OF HUMANITIES

Contact information
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Relevant industry contacts
Art galleries; film festivals

Expertise
Film and television studies; cultural studies; intersectional feminism; environmental humanities

Lorenzo Cañás Bottos
DEPARTMENT OF SOCIAL ANTHROPOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
canas.bottos@gmail.com
+47 94974869

Relevant industry contacts
Industry, public sector and other research institutes

Expertise
Ethnography, cultural analysis, ethnomethodological methods, political anthropology, anthropology of religion, anthropology of migration, standardization. Ethnographic fieldwork in Argentina, Bolivia, Ireland, Northern Ireland, Spain

Relevant projects
Tatek Abebe
DEPARTMENT OF EDUCATION AND LIFELONG LEARNING
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
tatek.abebe@ntnu.no
+49 41554327

Expertise
Childhood and youth studies; children’s rights and wellbeing; generational impacts of poverty/development on children and young people in the global south, especially in Africa; participatory methodologies; development and socio-cultural change in the Horn of Africa.

Relevant projects
Childhood and Local Knowledge in Ethiopia and Zambia (2007-2012)
Children’s Migration in Historical and Cross-cultural Perspectives (2017-2020)
Childhood, Culture and Sustainable Development (2019-2024)

Roberto Iacono
DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

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+47 90946148

Expertise
Public Economics and Inequality.
Marek E. Jasinski
DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES
FACULTY OF HUMANITIES

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Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects

Tatek Abebe
DEPARTMENT OF EDUCATION AND LIFELONG LEARNING
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
tatek.abebe@ntnu.no
+49 41554327

Expertise
Childhood and youth studies; children's rights and wellbeing; generational impacts of poverty/development on children and young people in the global south, especially in Africa; participatory methodologies; development and socio-cultural change in the Horn of Africa.

Relevant projects
Childhood and Local Knowledge in Ethiopia and Zambia (2007-2012)
Children’s Migration in Historical and Cross-cultural Perspectives (2017-2020)
Childhood, Culture and Sustainable Development (2019-2024)
HORIZON-CL2-2022-TRANSFORMATIONS-01-04: DECISION-MAKING PROCESSES OF (ASPIRING) MIGRANTS

Carine Lausselet
DEPARTMENT OF ENERGY AND PROCESS ENGINEERING
FACULTY OF ENGINEERING

Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

Relevant projects
FME Cenbio
FME ZEN

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Relevant industry contacts
Industry, public sector and other research institutes

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Expertise
Ethnography, cultural analysis, ethnographic methods, political anthropology, anthropology of religion, anthropology of migration, standardization. Ethnographic fieldwork in Argentina, Bolivia, Ireland, Northern Ireland, Spain

Relevant projects

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Relevant industry contacts
Industry, public sector and other research institutes

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Expertise
Childhood and youth studies; children’s rights and wellbeing; generational impacts of poverty/development on children and young people in the global south, especially in Africa; participatory methodologies; development and socio-cultural change in the Horn of Africa.

Relevant projects
Childhood and Local Knowledge in Ethiopia and Zambia (2007-2012)
Children’s Migration in Historical and Cross-cultural Perspectives (2017-2020)
Childhood, Culture and Sustainable Development (2019-2024)

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Relevant industry contacts
African Child Policy Forum
Council for Development of Social Science Research in Africa (CODESRIA)
Children and Work Network
Child Research and Policy Forum
Wei Wang

DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

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Expertise
I am now a Professor of Personality Psychology in NTNU, Norway, and was a clinical psychiatrist and clinical psychologist in China for more than 20 years. I have done some researches about the cultural contributions to psychological disorders.

I also have some experiences of schizophrenia, personality disorders, social harmony, creativity, and emotional controls in healthy volunteers and in psychiatric patients.

Human desires from disordered (abnormal) personality traits in different cultural values.

Relevant projects
Correlations between the nightmare experience and brain processing patterns of negative emotional-cognition in personality disorder patients.
Feasibility of using smartphone mobile applications for psychological and cognitive testing to predict relapse in patients with severe mental illness.
Cerebral and peripheral responses to erotica and their relationships with sexual dream experience and personality traits in BD I patients with hypersexuality.
Personality bases of mania or hypomania without depression in affective disorders: a cross-cultural study in China and Croatia.
Carine Lausselet

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**FACULTY OF ENGINEERING**

**Contact information**
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+47 46789264

**Expertise**
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)

**Relevant projects**
FME Cenbio
FME ZEN

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Eir-Anne Edgar

**DEPARTMENT OF TEACHER EDUCATION**
**FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES**

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**Expertise**
English, literature, American studies, education.

**Relevant projects**

---

Julia Leyda

**DEPARTMENT OF ART AND MEDIA STUDIES**
**FACULTY OF HUMANITIES**

**Contact information**
julia.leyda@ntnu.no

**Expertise**
Film and television studies; cultural studies; intersectional feminism; environmental humanities

**Relevant industry contacts**
Art galleries; film festivals
Roberto Iacono
DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
roberto.iacono@ntnu.no
+47 90946148

Expertise
Public Economics and Inequality.

Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Contact information
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Relevant industry contacts
Expert evaluator ERC.

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.

He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.

He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.

Research Interests: Robotization of gerontechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
**Tatek Abebe**

**DEPARTMENT OF EDUCATION AND LIFELONG LEARNING**  
**FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES**

**Expertise**  
Childhood and youth studies; children’s rights and wellbeing; generational impacts of poverty/development on children and young people in the global south, especially in Africa; participatory methodologies; development and socio-cultural change in the Horn of Africa.

**Relevant projects**  
- Childhood and Local Knowledge in Ethiopia and Zambia (2007-2012)  
- Children’s Migration in Historical and Cross-cultural Perspectives (2017-2020)  
- Childhood, Culture and Sustainable Development (2019-2024)

---

**Wei Wang**

**DEPARTMENT OF PSYCHOLOGY**  
**FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES**

**Expertise**  
I am now a Professor of Personality Psychology in NTNU, Norway, and was a clinical psychiatrist and clinical psychologist in China for more than 20 years. I have done some researches about the cultural contributions to psychological disorders.

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Human desires from disordered (abnormal) personality traits in different cultural values.

**Relevant projects**  
- Correlations between the nightmare experience and brain processing patterns of negative emotional-cognition in personality disorder patients.  
- Feasibility of using smartphone mobile applications for psychological and cognitive testing to predict relapse in patients with severe mental illness.  
- Cerebral and peripheral responses to erotica and their relationships with sexual dream experience and personality traits in BD I patients with hypersexuality.  
- Personality bases of mania or hypomania without depression in affective disorders: a cross-cultural study in China and Croatia.
Carine Lausselet
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FACULTY OF ENGINEERING
Expertise
Environmental assessment, Industrial Ecology tools (life-cycle assessment, material-flow assessment, input-output)
Contact information
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+47 46789264
Relevant industry contacts
Industry, public sector and other research institutes

Roberto Iacono
DEPARTMENT OF SOCIAL WORK
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES
Expertise
Public Economics and Inequality.
Contact information
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+47 90946148

Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES
Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He's also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.
He's affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture
Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.
Contact information
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Relevant industry contacts
Expert evaluator ERC.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)
Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
Roger Andre Søraa
DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home. He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS. He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

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AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)

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Relevant industry contacts
Expert evaluator ERC.
Julia Leyda

**DEPARTMENT OF ART AND MEDIA STUDIES**

**FACULTY OF HUMANITIES**

**Contact information**

julia.leyda@ntnu.no

**Expertise**

Film and television studies; cultural studies; intersectional feminism; environmental humanities

**Relevant industry contacts**

Art galleries; film festivals

---

Lorenzo Cañás Bottos

**DEPARTMENT OF SOCIAL ANTHROPOLOGY**

**FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES**

**Contact information**

canas.bottos@gmail.com
+47 94974869

**Expertise**

Ethnography, cultural analysis, ethnographic methods, political anthropology, anthropology of religion, anthropology of migration, standardization. Ethnographic fieldwork in Argentina, Bolivia, Ireland, Northern Ireland, Spain

**Relevant projects**


**Relevant industry contacts**

Industry, public sector and other research institutes

---

Marek E. Jasinski

**DEPARTMENT OF HISTORICAL AND CLASSICAL STUDIES**

**FACULTY OF HUMANITIES**

**Contact information**

marek.jasinski@ntnu.no
+49 92612121

**Expertise**

Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

**Relevant projects**

Operation Identification. Undocumented Migrants from Mexico and Central America in Texas, USA.
Painful Heritage, Cultural Landscapes of WWII in Norway.
Re-CALL - Enacting Painful Heritage of Europe.
Accessing Campscapes of WWII in Europe.
King Øystein Harbour at Agdenes.
Ormen Lange Deep-Water Archaeological Project.
Pomors in Grumant. Russian Hunting Stations in Spitsbergen.
Norse Settlements in Greenland. A Maritime Perspective.
Expedition. The Unicorn Wreck. Russian Pink in Norwegian Waters.

**Relevant industry contacts**

Public Sector, Industry, NGOs.
Tatek Abebe

DEPARTMENT OF EDUCATION AND LIFELONG LEARNING
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
tatek.abebe@ntnu.no
+49 41554327

Expertise
Childhood and youth studies; children’s rights and wellbeing; generational impacts of poverty/development on children and young people in the global south, especially in Africa; participatory methodologies; development and socio-cultural change in the Horn of Africa.

Relevant projects
Childhood and Local Knowledge in Ethiopia and Zambia (2007-2012)
Children’s Migration in Historical and Cross-cultural Perspectives (2017-2020)
Childhood, Culture and Sustainable Development (2019-2024)

Roger Andre Søraa

DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Contact information
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Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home. He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOTS.

He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.

Research Interests: Robotization of gerontechnologies, transport and agriculture. Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOTS (2019-2023)
LIFEBOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)
Wei Wang
DEPARTMENT OF PSYCHOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Expertise
I am now a Professor of Personality Psychology in NTNU, Norway, and was a clinical psychiatrist and clinical psychologist in China for more than 20 years. I have done some researches about the cultural contributions to psychological disorders.

I also have some experiences of schizophrenia, personality disorders, social harmony, creativity, and emotional controls in healthy volunteers and in psychiatric patients.

Human desires from disordered (abnormal) personality traits in different cultural values.

Contact information
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Relevant projects
Correlations between the nightmare experience and brain processing patterns of negative emotional-cognition in personality disorder patients.
Feasibility of using smartphone mobile applications for psychological and cognitive testing to predict relapse in patients with severe mental illness.
Cerebral and peripheral responses to erotica and their relationships with sexual dream experience and personality traits in BD I patients with hypersexuality.
Personality bases of mania or hypomania without depression in affective disorders: a cross-cultural study in China and Croatia.
Lorenzo Cañás Bottos

DEPARTMENT OF SOCIAL ANTHROPOLOGY
FACULTY OF SOCIAL AND EDUCATIONAL SCIENCES

Contact information
canas.bottos@gmail.com
+47 94974869

Expertise
Ethnography, cultural analysis, ethnographic methods, political anthropology, anthropology of religion, anthropology of migration, standardization. Ethnographic fieldwork in Argentina, Bolivia, Ireland, Northern Ireland, Spain

Relevant projects

Marek E. Jasinski

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FACULTY OF HUMANITIES

Contact information
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+49 92612121

Expertise
Archaeology of Contemporary Past with focus on Conflict Archaeology of 20th-21 centuries
Maritime Archaeology
Arctic Archaeology with focus on Spitsbergen and Greenland

Relevant projects
Mila D. Vulchanova

DEPARTMENT OF LANGUAGE AND LITERATURE
FACULTY OF HUMANITIES

Expertise
Language learning, developmental disorders, spatial cognition and spatial ability, advanced experimental research in language, digital technology and language development.

Relevant projects
Horizon2020 MSCA ITN SellSTEM (WP lead)
Horizon2020 MSCA ITN e-LADDA (Scientific Coordinator)
Horizon2020 MSCA ITN DCOMM (WP Lead)
7th FP MSCA ITN LanPercept (Scientific Coordinator)
Cost Action IS1406 Enhancing children’s oral language skills across Europe and beyond

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Roger Andre Søraa

DEPARTMENT OF INTERDISCIPLINARY STUDIES OF CULTURE
FACULTY OF HUMANITIES

Expertise
Roger A. Søraa is a Researcher at the Department of Interdisciplinary Studies of Culture (KULT), with a PhD in Studies of Technology and Society. His research focus is on automation, robotization, and digitalization of society – how humans and technology relate to each other. Søraa is especially interested in the social domestication of technology, see e.g. his research on hospital robots and gerontechnology of the home.
He’s also affiliated with Department of Neuroscience, where he works on the project LIFEBOOTS.
He’s affiliated with RURALIS, where he researcher on SmaT – Smart technology for sustainable agriculture.
Research Interests: Robotization of gerontechnologies, transport and agriculture Automation of work and practises Digitalization of society and social media Japan, Korea, and Asian digitalization.

Relevant projects
Current projects:
Robotics4EU (2020-2023)
AUTOWORK (2019-2024)
DRIVERS (2018-2022)
LIFEBOOTS (2019-2023)
LIFEBOOTS Exchange Extended (2019-2021)
SmaT (2018-2022)

Past projects:
Energy-SHIFT (2019-2021)
eWare (2017 -2021)
Crafting Climate transitions from below (2014 -2018)
RoboCare (2016)
SHAPE energy (2017-2019)
My Robot Friend (2018-2020)

Contact information
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Relevant industry contacts
Expert evaluator ERC.