



PROGRAMME

The NTNU Alumni PhD Conference

The added value of a PhD – for all sectors of working life

Trondheim 30 March 08:00–15:45 (Networking 15:45–17:00)

Venue: Radisson Blu Royal Garden Hotel, Kjøpmannsgata 73



 **NTNU**
Alumni

Dear participants

NTNU provides research expertise that is vital to growth, development and innovation in businesses, industry and public administration. This expertise is also essential when the global community is to act on challenges in areas such as climate, food production, migration, health and education.

In line with Norwegian policy on research, education and innovation, NTNU wants to educate even more PhD graduates who will be able to take on important functions and positions in public and private sector enterprises. For this reason, NTNU wants to strengthen its dialogue with the working world and the business community and to increase understanding of the benefits of PhD skills.

The conference is an opportunity to raise awareness of the added value of a doctoral degree in all sectors of working life and to develop strategies that increase the use of PhD expertise in business and industry, in small and medium-sized enterprises and in the public sector.

NTNU Alumni



PROGRAMME

Chair: Stein Mortensholm, Senior Adviser, Communication Division, NTNU

08:00–14:00

PLENARY SESSION 1: INTRODUCTIONS

08:00 Registration and coffee

PART 1 OPENING PLENARY

09:00 **Welcome**
Kari Melby, Pro-Rector for research, NTNU

09:15 **Keynote: The added value of a doctoral degree**
Tom Baade-Mathiesen, EVP Water Division, Norconsult

PART 2 LEARNING FROM: PHDS' EXPERIENCES

09:40 **Testimonials from NTNU Alumni with a PhD**

- Nora Johanne Klungseth, PhD, Senior Consultant, Advisory, Performance Improvement, Ernst & Young AS
- Inger Lise Johansen, PhD, Bridge Planner, The Norwegian Public Roads Administration (Statens Vegvesen)
- Daniel Johansen, PhD, Head of Department, Sverresborg Trøndelag Folk Museum, MiST
- Kristine Bruun Ludvigsen, PhD, Senior Project Engineer, DNV GL
- Ingrid Ertshus Mathisen, PhD, Adviser, The Norwegian Biodiversity Information Centre (Artsdatabanken)
- Nicolas Elvemo, MD PhD, CEO, GlucoSet AS

10:45 **Break and light refreshments**

PART 3 LOOKING AHEAD: RESEARCH-BASED CHANGE AND INNOVATION

11:00 **PhD skills and expertise: a competitive advantage for businesses**
Are Turmo, PhD, Director for Education and Skills, Confederation of Norwegian Enterprise (NHO)

11:15 **Using a PhD to start a new business or drive innovation in existing industry**
Christian Gutvik, Project Manager, NTNU Technology Transfer AS



PART 4 RAISING AWARENESS: GREATER COMPETITIVE ADVANTAGE

11:25 **Examples of the added value of PhD competence**

- Vegar Johansen, PhD, President, SINTEF Ocean
- Hanne Wigum, PhD, Manager Renewable Technology, Statoil
- Ragnhild Setsaas, Cand.polit., Adviser, Municipality of Trondheim

12:00 **Networking lunch**

Part 4 continues

12:50 **Examples of the added value of PhD competence: continued**

- Anngjerd Pleyrn, PhD, Senior Key Expert, Siemens AS
- Sophie Labonnote-Weber, PhD, R&D Manager, Ceramic Powder Technology AS
- Erik Rigstad, Technical Director Buildings, COWI
- Ann Elise Kristoffersen, PhD, Head of Department R&D, Statped
- Hans Erik Vatne, PhD, SVP, Head of Technology, Corporate Technology Office and Primary Metal Technology, Norsk Hydro ASA

13:45 **Break**

14:00–15:30

PLENARY SESSION 2: ROUND-TABLE DISCUSSIONS

EXPLORING THE POTENTIAL: STRATEGIES AND TOOLS TO INCREASE THE USE OF PHD EXPERTISE

- The round-table discussions are organized in three sessions, each of 20 minutes, with one prepared question per table.
- A summary will be presented between the sessions. The tables have hosts to facilitate the discussions and to present input on behalf of the group.
- The tables are offered on a first come, first served basis. The participants choose a new table after each session.

QUESTIONS

1. The general skills of a PhD graduate: What do you gain by employing a PhD?

Hosts:

- Gunnar Bendheim, Head of Section, Faculty of Economics and Management, NTNU
- Daniel Johansen, PhD, Head of Department, Sverresborg Trøndelag Folk Museum, MiST

2. Competitive advantages: How can PhDs' competence increase competitive advantages for enterprises and institutions?

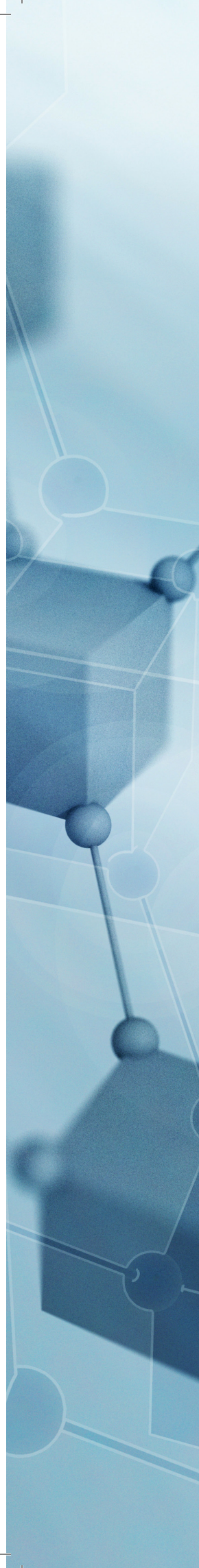
Hosts:

- Stein Eggan, CEO, NTNU Technology Transfer
- Sophie Labonnote-Weber, PhD, R&D Manager, Ceramic Powder Technology AS
- Knut Wilhelm Knutsen, General Manager, Prosphere

3. Requirements: What does the working world need? Which sectors need more people with PhD expertise?

Hosts:

- Vegard Moen, Project Manager, Centre for Continuing Education and Professional Development, NTNU (NTNU VIDERE)
- Ragnhild Setsaas, Cand.polit., Adviser, Municipality of Trondheim



4. PhDs in all sectors: How can use of PhD expertise be increased? (Business sector/Small and medium-sized enterprises/Public sector)

Hosts:

- Ann Elise Kristoffersen, PhD, Head of Department R&D, Statped
- Astrid Vigtil, PhD, Head of Research Section, The Faculty of Engineering, NTNU

5. Tools: Are Industrial and Public sector PhDs a good tool? Which other instruments could be used to increase the presence of PhDs?

Hosts:

- Rakel C. Granaas, Senior Adviser, The Norwegian Association of Higher Education Institutions
- Bjarne E. Helvik, PhD, Professor and Vice Dean for Research, Faculty of Information Technology and Electrical Engineering, NTNU

6. Bridge the gap: How to bridge the gap between the needs of the business sector and the researcher's priorities?

Hosts:

- Finn Victor Willumsen, CEO, Marin Aqua AS
- Hege Brende, Centre Director, FME HydroCen - Norwegian Centre for Hydropower Technology / Norwegian Hydropower Centre (NVKS)

7. Preparations: How can PhDs prepare during their doctoral studies to become an even better candidate for future employers?

Hosts:

- Ingrid Ertshus Mathisen, PhD, Adviser, The Norwegian Biodiversity Information Centre (Artsdatabanken)
- Kristine Bruun Ludvigsen, PhD, Senior Project Engineer, DNV GL
- Reidun Svarva, Project Manager – Strategy and development, Bane NOR

8. Two ways: What are the common denominators for a career in and outside academia? What can you learn from each other and bring with you if you change careers?

Hosts:

- Anngjerd Pleym, PhD, Senior Key Expert, Siemens AS
- Nora Johanne Klungseth, PhD, Senior Consultant, Advisory, Performance Improvement, Ernst & Young AS

9. CV, job application and job interview: How can one market PhD expertise in the workplace – in job applications and in job interviews?

Hosts:

- Stine Faugstadmo, Adviser, NTNU Career
- Lars Jørgensen, Adviser, NTNU Career

10. Networking: How can one use different networks and arenas to get in touch with potential employers?

Hosts:

- Lars Iversen, CEO, Technoport
- Marius Thorvaldsen, Managing Director, Work Work and Assistant Professor, Department of Teacher Education, NTNU

11. How to use a PhD to innovate existing industry or create new businesses? How to realize your research into new products and services?

Hosts:

- Christian Gutvik, Project Manager, NTNU Technology Transfer AS
- Cecilie Holtan, Director of Organization and Development, Vestre Viken Hospital Trust
- Nicolas Elvemo, MD PhD, CEO, GlucoSet AS

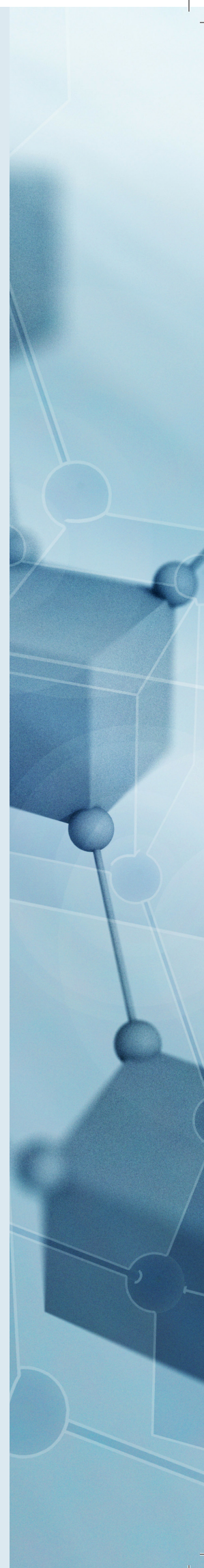
15:30–15:45

PLENARY SESSION 3: SUMMING UP

15:30 Reflections on the day and key take-aways for the networking session

- Nora Johanne Klungseth, PhD, Senior Consultant, Advisory, Performance Improvement, Ernst & Young AS
- Mathias Arbo and Lina Ingeborgrud, DION – PhD & Post-Doc Interest Organization at NTNU
- Astrid Vigtil, PhD, Head of Research section, The Faculty of Engineering, NTNU
- Finn Victor Willumsen, CEO, Marin Aqua AS

15:45–17:00 Networking and finger food



Organizers

NTNU Alumni in cooperation with Dion

DION is the interest organization for PhD candidates, postdocs, and temporary academic staff at NTNU. DION strives to make NTNU a better place for this group of employees by providing information and answering questions. DION also organizes social and academic activities.

Follow DION on Facebook @DION_NTNU



NTNU Alumni offers meeting places for sharing knowledge and exchanging experience between NTNU and the working world. NTNU reaches more than 100 000 former students through the Alumni network.

www.ntnu.edu/alumni

