

QUINT

30 MAY - 2 JUNE
University of Oslo
University of Helsinki

CONFERENCE 2023



Teaching Quality & Teacher-Researcher Collaboration:
Opportunities, Obstacles & Orientations

CONFERENCE PROGRAMME

Tuesday 30.5

08:00-09:00

Registration
Hotel reception

09:00-11:15

Conference opening

KeynoteProf. Rossella Santagata
Celsius

11:15-12:15

Lunch

Restaurant

12:15-14:00

**Paper session
1A**

Tetra

12:15-14:00

**Paper session
1B**

Kullager

14:00-14:30

Break
Tetra

14:30-16:00

Paper session 2

Tetra

19:00-21:00

Reception
Restaurant

Wednesday 31.5

09:15-10:30

**Paper session
3A**

Tetra

09:15-10:30

**Paper session
3B**

Kullager

10:30-10:45

Break
Ombudsman

10:45-12:00

Keynote
Prof. Robert Coe
Celsius

12:00-13:00

Lunch
Restaurant

13:00-14:30

**Paper session
4A**

Tetra

13:00-14:30

**Paper session
4B**

Kullager

14:30-15:00

Break
Ombudsman

15:00-17:00

**Workshop Partnership
research education**
Prof. Hilda BorkoTetra
Free night

Thursday 1.6

08:00-09:00

Registration

Hotel reception

09:00-10:30

Conference opening

Keynote Associate Prof. Sarah
Kavanagh
Tetra

10:30-11:00

Break

Ombudsman

11:00-12:00

Symposium 1

Kullager

11:00-12:00

Paper session 5A

Tetra

11:00-12:00

Paper session 5B

Skiftnyckel

10:45-11:45

Symposium 3A

Tetra

10:45-11:45

Symposium 3B

Skiftnyckel

10:45-11:45

Symposium 3C

Kullager

12:00-13:00

Lunch

Restaurant

13:00-14:20

Symposium 2

Celsius

13:00-14:20

Paper session 6A

Skiftnyckel

13:00-14:20

Paper session 6B

Tetra

13:00-14:20

Paper session 6C

Kullager

14:20-15:00

Break

Ombudsman

15:00-16:30

Panel debate

Tetra

19:30 Conference dinner

Radisson Blu hotel, Espoo, Otaranta 2

Friday 2.6

08:30-10:30

Teacher-researcher workshop

08:30-09:00

Video watching

Tetra

10:30-10:45

Break

Ombudsman

10:45-11:45

Symposium 3A

Tetra

10:45-11:45

Symposium 3B

Skiftnyckel

10:45-11:45

Symposium 3C

Kullager

11:45-13:00

Closing remarks

Tetra

Lunch

Restaurant

08:00 AM – 09:00 AM

Registration – Hotel reception

09:00 AM – 11:15 AM

Conference opening – Celsius

Welcome by Professor **Kirsti Klette**, QUINT Centre Director, University of Oslo

Keynote presentation | Centering teacher voices and research-practice partnerships to support teaching improvement

Professor **Rossella Santagata**, Director of the Center for Research on Teacher Development and Professional Practice, School of Education, University of California, Irvine

11:15 AM – 12:15 PM

Lunch – Restaurant

12:15 PM – 2:00 PM

Parallel sessions

1A | Analyzing teaching quality through classroom observation

Tetra

Discussant: Kirsti Klette, University of Oslo

Classroom discourse in social studies: Opportunities and obstacles related to content and student participation

Peter Nicolai Aashamar

Qualities of reading: on Swedish and Norwegian lower secondary students' reading of literary texts

Anna Nissen

Questioning techniques and dialogue: Three cases of facilitating student-centered whole-class conversations with varying patterns of questioning

Cæcilie Kefil Hejl

How different pedagogical approaches affect student active learning: a teacher-researcher collaboration for assessing student engagement through video data in classroom settings

Ellen Egeland Flø

Different classrooms, different teaching? Exploring the interplay between classroom composition and teaching quality

Bas Senden

1B | Analyzing teaching quality through classroom observation

Kullager

Discussant: Mark White, University of Oslo

Right in the middle instead of just watching – comparing classroom observation in 360-degree and traditional classroom videos

Tosca Daltoè

The logics of “effective” teaching: investigating the relationship between teacher education program missions and observational protocols and practices

Maya Kaul

What teaching dimensions and which domain of TEACH predict overall teaching quality and learner engagement—Lessons learned from an impact study in an inland province of China

Zhijun Chen

Observing teaching quality in economics within social science education

Michael Walkert

How QUINT data can help uncover temporal lesson patterns and why it matters for teacher education

Jonas Teglbjærg

2:00 PM – 2:30 PM

Break Tetra

2:30 PM – 4:00 PM

Paper session Tetra

2 | The use of video to enhance quality in teacher education

Discussants: Inga Staal Jensen, University of Oslo

Collaborative video analysis to support pre-service teacher noticing and learning toward action-based orientations to language: an interactional analysis

Benjamin James

"That shifts my way of seeing things": using video to develop pedagogical reasoning with preservice teachers

Ethan Rubin

An outline of a theory of change when using practice-based pedagogies to develop teacher candidates' abilities to scaffold student learning

Gøril Brataas

Video annotations to support pre-service teachers' professional vision for technology integration

Franziska Tschönhens

7:00 PM – 9:00 PM

Reception (Informal)

Restaurant

Lightning course in Finnish tango dancing

09:15 AM – 10:30 PM

Parallel paper sessions

3A | Teaching quality in mathematics education

Tetra

Discussant: Jennifer M. Luoto, University of Oslo

Contextualized mathematics in Nordic lower secondary mathematics classrooms

Alexander J. V. Selling

Investigating the relations between characteristics of mathematical tasks and the subject-specific instructional quality of the respective lessons

Ann-Kristin Adleff

Students' interactions and decision-making process when playing educational card game

Senja Celius

3B | Quality in professional development efforts

Kullager

Discussant: Camilla Magnusson, University of Oslo

The implementation and effectiveness of professional developments related to developing intercultural competencies: a meta-synthesis

Dana Conlin

The design and implementation of a teacher professional development program in differentiated instruction for secondary education

Kyra Meutstege

Beyond individualism: re-imagining teaching practice as a collective act

Tess Bernhard

10:30 AM – 10:45 AM

Break

Ombudsman

10:45 AM – 12:00 PM

Keynote presentation | Studying core practices for project-based learning

Professor **Robert Coe**, Director of Research and Development, Evidence Based Education

Celsius

12:00 AM – 01:00 PM

Lunch

Restaurant

01:00 PM – 2:30 PM

Parallel paper sessions

4A | Quality in teacher education and feedback practices

Tetra

Discussant: Armin Jentsch, University of Oslo

A digital assessment of practice: constructing a third space in teacher education?

Viviana Daza

Study program leaders' perceptions of coherence and strategies for creating coherent TE programs

Oddvar Aalde

How do postgraduate teacher candidates learn educational research methods through engaging feedback process?

Xuwei Wang

A systematic review of practices and effects of teacher feedback literacy

Ruoxiu Yin

4B | Perceptions of quality in education from the viewpoints of students, teachers, and teacher educators

Kullager

Discussant: Jóhann Örn Sigurjónsson, University of Akureyri

Student questionnaires - an appropriate approach to measure students' use of learning opportunities?

Leonie Gossner

Exploring variations in student perceptions of teaching behavior across the Netherlands, Spain, and South Korea

Bilge Gencoglu

Teaching quality in geography education: exploring the gap between academic geography and school geography in knowledge transformation

Yujing He

2:30 PM – 3:00 PM

Break

Ombudsman

3:00 PM – 5:00 PM

Workshop | Partnership research in education – Tetra

Professor Hilda Borko from Center to Support Excellence in Teaching, Stanford University presents her work on partnership research in education

Free night

Thursday 1 June

08:00 AM – 09:00 AM Registration

Hotel reception

09:00 AM – 10:30 AM Conference opening

Vice-Rector **Kai Nordlund**, University of Helsinki

Keynote presentation | Breaking the fourth wall of professional learning: research on practice-based designs for professional learning

Associate Professor **Sarah Schneider Kavanagh**, University of Pennsylvania, Graduate School of Education

Tetra

10:30 AM – 11:00 AM Break

Ombudsman

11:00 AM – 12:00 PM Parallel paper sessions

Symposium 1 | Teachers' and students' perspectives on qualities of the connected classroom

Kullager

Discussant: Vibeke Christensen, University of Southern Denmark

Facilitating communicative spaces for learning. Exploratory conversations between teachers and researchers about a connected teaching practice

Marie Nilsberth

When it is real. Qualities in digitalized teaching according to teachers and students during a three year long classroom study

Anna Slotte

Dialogue on quality of teaching and digital technology – students' perspective

Sólveig Zophoníasdóttir

5A | Quality in school & researcher collaborations

Tetra

Chair: Inga Staal Jensen, University of Oslo

Informative but only little used – student ratings of teaching quality in school practice

Ann-Kathrin Jaekel

Who's observing what in the classroom? The Joint Action framework in Didactics for discussing teaching quality criteria in teacher-researcher collaborative research

Florence Ligozat

Teacher leaders' learning to lead video-based professional development to support teachers' noticing for equity

Elizabeth van Es

5B | Validating teaching quality frameworks

Skiftnyckel

Chair: Michael Tengberg, Karlstad University

Observations of classroom instruction and rater error: towards better practices

Mark White

Signs of teaching that scaffolds deeper learning

**Majken Korsager
Maria Gaare Dahl
Aud Ragnhild Skaar
Berit Reitan
Merethe Frøyland**

Validating the 7C framework in Nordic countries

**Eva Lykkegaard
Ane Qvortrup**

1:00 PM – 2:00 PM

Parallel paper sessions

Symposium 2 | Strategic documentation of practice: approaches to practice-based teacher education in the Nordics Celsius

Discussant: Elizabeth van Es, University of California, Irvine

Teacher candidates' opportunity to study and enact teaching practices during coursework at campus

Berglind Gísladóttir

Alternative ways to approach "practice" in teacher education

Marte Blikstad-Balas

Video as a pedagogy of teacher education: relationship between choice of video clips, support provided and teacher candidate reasoning

Inga Staal Jensen

First-year teacher candidates' experiences, knowledge and values when noticing teaching praxis in a video-based learning to notice course

Hanne Fie Rasmussen

6A | Quality in pre-and in-service teaching

Skiffnyckel

Chair: Jennifer Luoto, University of Oslo

Observations about alternative learning spaces: Teacher students reflections about groupwork at museum

**Pia Mikander
Kirsi Wallinheimo**

Pre-service students' perceptions of critical literacy teaching

Camilla Magnusson

Improving (student) teachers' differentiation practices by using the ADAPT instrument and manual: opportunities and obstacles

Marieke van Geel & Trynke Keuning

6B | Analyzing quality through observations in mathematics classrooms

Tetra

Chair: Mark White, University of Oslo

The important thing is that you can explain it mathematically - Nordic mathematics lessons high in both cognitive activation and teacher explanations

Jóhann Örn Sigurjónsson

Exploring student-centered approaches to measuring cognitive activation in classroom Tasks: a multi-camera video analysis of a third-grade mathematics lesson

Patrick Schreyer

A qualitative analysis of teaching practices in high and low gains lower secondary mathematics classrooms

Jennifer M. Luoto

6C | The role of subject specific aspects of teaching quality

Kullager

Chair: Anna Kristin Sigurðardóttir, University of Iceland

Analyzing teaching quality: Capturing subject-generic, subject-specific, format-specific, and learning-goal specific features simultaneously

Michael Tengberg

The same in math as in language arts? Applying the PLATO framework across subjects in Norwegian classrooms

Armin Jentsch

Observing and interpreting quality in social science teaching

Torben Spanget Christensen

From PLATO to subject specific quality in social science education

Anders S. Christensen

2:20 PM – 3:00 PM

Break

Ombudsman

3:00 PM – 4:30 PM

Invited panel debate Tetra

Nordic Teachers' Unions on the role of educational research in teaching

Teachers' Unions in the Nordic Countries discuss teacher-researcher collaborations

Moderator: Marte Blikstad-Balas, University of Oslo

Panelists:

- Finland: Katarina Murto, President, The Trade Union of Education in Finland
- Norway: Steffen Handal, President, The Union of Education Norway
- Iceland: Magnús Þór Jónsson, President, Icelandic Teachers' Union
- Sweden: Johanna Jaara Åstrand, President, Swedish Teachers' Union
- Denmark: Gordon Ørskov Madsen, President, Danish Union of Teachers

4:30 PM

**Group photography
by Misha Jemsek**

Place to be announced

7:30 PM

Conference dinner

Formal or Casual Elegant

QUIZ with QUINT PhD Fellow Peter N. Aashamar,
University of Oslo

Place: Radisson Blu Hotel, Espoo, Otaranta 2, Espoo, 02150, Finland

08:30 AM – 10:30 AM
08:30 AM – 09:00 AM
Video watching

Teacher-researcher workshop: Fishbowl conversation – Tetra

Discussions are structured around the video recordings from real life contexts and situations in the Nordic classrooms, obtained through the QUINT research project LISA Nordic Study

Moderators: [Inga Staal Jensen](#) & [Gøril Brataas](#), University of Oslo

10:30 AM – 10:45 AM

Break

10:45 AM – 11:45 AM

Parallel paper sessions

Symposium 3A | Using classroom videos to improve teaching quality and professional learning in teacher practice and teacher education

Tetra

Discussant: Sarah Schneider Kavanagh, University of Pennsylvania

Using video to foreground core practices for instructional scaffolding during fieldwork: teacher candidate and mentor teacher perspectives

Gøril Brataas

How can video observations contribute to increasing quality in social sciences teaching?

**Nadine Malich-Bohlig
Eva Dam-Christensen
Lars Petersen
Hildegunn Juelsgaard
Johannesen**

Professional learning through classroom videos and researcher-practitioner collaboration

**Birna María Svanbjörnsdóttir
Anna Kristín Sigurðardóttir
Rúnar Sigþórsson
Sólveig Zophoníasdóttir**

Symposium 3 B | Nordic inquiry in Quality Literature Education QUALE

Skiftnyckel

Discussant: Florence Ligozat, University of Geneva

Inquiry-based literature teaching in a Norwegian classroom - with a teacher's perspective

**Ida Gabrielsen
Sofie Jensen
Liv Marit Hauge**

How do teachers understand the strategies and didactic principles in inquiry-based literature education? A comparative study validating QUALE across three countries

**Nikolaj Elf
Vibeke Christensen
Louise Petersen**

Comparative analysis of the role of Nordic governance traditions and school perceptions in the development of progressive inquiry based teaching

**Ane Qvortrup
Thomas Illum Hansen**

Symposium 3C | Evaluating teachers' improvement in sustained professional development efforts in a Nordic context: challenges and possibilities in methodology and ethics

Kullager

Discussant: Hilda Borko, Stanford University

Evaluating the impact of teacher PD through teacher self-reports and student perceptions

Michael Tengberg

Teachers' experiences as a means to evaluate professional development outcomes: The case of a longitudinal PD intervention in Norwegian secondary schools

**Camilla G. Magnusson
Jennifer M. Luoto**

Methodological and ethical aspects of measuring improvement in professional development efforts

Marte Blikstad-Balas

11:45 AM – 1:00 PM

Closing of the conference Tetra

Lunch Restaurant