



UPPSALA  
UNIVERSITET

# Symposium on the teaching of calculus in school, at university and in teacher education

18-19/11 2021,  
Ångströmlaboratoriet,  
Uppsala university

The symposium is arranged by the Mathematics education network at Uppsala university, and aims at bringing mathematicians, mathematics education researchers, mathematics educators and mathematics teachers together to discuss and learn from each other. The symposium will start at 13.15 on Thursday 18 November, and end mid-afternoon on Friday 19 November. Participation in the symposium is free, but participants will need to pay for travel and accommodation.

## **Preliminary program**

### **Thursday 18/11 – Calculus in teacher education**

What should be in a book for mathematics teacher educators on the teaching of calculus? (John Monaghan, University of Agder, Norway/Leeds University, UK)

Working with prospective teachers in a regular single-variable calculus course (Erik Östergren, Uppsala University)

A collaborative advanced course in mathematics and mathematics education for prospective secondary school teachers (Olov Viirman and Magnus Jacobsson, Uppsala University)

### **Friday 19/11 – Calculus in school and at university**

What do university teachers have to say about their students' encounters with calculus? Some findings from 25 years of doing research on and with mathematicians (Elena Nardi, University of East Anglia, UK)

The high school-university transition for calculus: the case of (recursive) sequences in France (Laurent Vivier, Université Paris-Diderot, France)

Calculus around the world (Olov Viirman and John Monaghan)

Exact order, duration and location of sessions still to be determined. More detail will follow closer to the symposium.

Please let us know if you plan to attend, to help facilitate our planning (we need to know how many we should order “fika” for!) Send an email before Nov 8 to [olov.viirman@edu.uu.se](mailto:olov.viirman@edu.uu.se)

With hopes of seeing you at the symposium,

Olov Viirman & Magnus Jacobsson