

Scottish Mathematical Sciences Training Centre

Opening Symposium, 30 September / 1 October 2020

Programme

Please register via <https://smstc.ac.uk/symposia/1st-symposium-2020-21>.

Details for joining the meeting will then be circulated by email.

The talks will take place via Zoom; participants are advised to download the Zoom client beforehand.

The social sessions will take place via the gather.town platform.

Wednesday 30 September

- 11:00–11:25 **Welcome**
David Pritchard (SMSTC director)
- 11:25–12:05 **The PhD process and how to get through it**
Sira Gratz
- 12:05–12:45 **Theme talk: Applications of Mathematics**
Richard Scott (Theme Head)
- 12:45–13:05 **Supplementary module talk: Combinatorics on Words**
Sergey Kitaev
- 13:05–14:00 *Lunch break and social session*
- 14:00–14:20 **Supplementary module talk: Inverse Problems**
Anna Kirpichnikova
- 14:20–15:00 **Theme talk: Structure & Symmetry**
Sira Gratz (Theme Head)
- 15:00–15:20 **Supplementary module talk: History of Mathematics**
Michael Barany
- 15:20–17:00 *Social session remains open*

Thursday 1 October

- 10:00–11:00 **Teaching and tutoring**
Michael Grove
- 11:00–11:20 **Societies, unions and networking**
Michael Grove (IMA), Gavin Gibson (EMS), Kate Pyper (RSS),
Emily Roff & Josh Fogg (UCU)
- 11:20–11:50 *Coffee break and social session*
- 11:50–12:30 **Theme talk: Probability & Statistics**
Natalia Bochkina (Theme Head)
- 12:30–12:50 **Supplementary module talk: Geometry of Gauge Theory**
Bernd Schroers
- 12:50–14:00 *Lunch break and social session*
- 14:00–14:40 **Theme talk: Analysis**
Heiko Gimperlein (Theme Head)
- 14:40–15:00 **What happens next? / Q&A**
David Pritchard (Director)