

Special night

Inverse Problems, Medical Imaging, and Related Topics

Today, various imaging modalities exist and they have been developed with theoretical, numerical, and experimental studies on inverse problems. This time, true experts in the field of inverse problems will gather from all over the world and discuss recent advances in inverse problems, medical imaging, and related topics.

Online

January 10, 2023

Website: <http://www.mmachida.com/RIMS2023/>

Organizers: Samuli Siltanen (University of Helsinki)

Manabu Machida (Hamamatsu University School of Medicine)

January 10 (Tue)

19:00–19:10 Opening

19:10–19:55 Carola-Bibiane Schönlieb (DAMTP, University of Cambridge)
Data-driven regularisation for solving inverse problems

20:05–20:50 Gabriel Paternain (University of Cambridge)
The non-abelian X-ray transform