

**Week 5 of the Thematic Programme on
“Free Boundary Problems”**

October 27 - 31, 2025

organized by

**Serena Dipierro (UWA, Perth), Julian Fischer (ISTA, Klosterneuburg), Matteo Novaga (U Pisa),
Elisabetta Rocca (U of Pavia), Xavier Ros-Oton (U of Barcelona), Ulisse Stefanelli (U of Vienna),
Enrico Valdinoci (UWA, Perth)**

- **Monday, October 27th, 2025**

15:15 – 17:00 **Yoshihiro Tonegawa (Inst. of Science Tokyo)**

Introduction to Brakke’s Mean Curvature Flow, SRF Lecture Course 1

- **Tuesday, October 28th, 2025**

12:00 – 13:00 **Tomas Roubicek (Charles University and Academy of Sciences)**

Brief notes about the energy and entropy budget in Earth’s atmosphere, life due to Schrödinger, climate, and CO2 emissions.

- **Wednesday, October 29th, 2025**

15:15 – 17:00 **Yoshihiro Tonegawa (Inst. of Science Tokyo)**

Introduction to Brakke’s Mean Curvature Flow, SRF Lecture Course 2

- **Thursday, October 30th, 2025**

12:30 – 13:15 **Robert Lasarzik (WIAS Berlin)**

The energy-variational structure in evolution

- **Friday, October 31st, 2025**

15:15 – 17:00 **Yoshihiro Tonegawa (Inst. of Science Tokyo)**

Introduction to Brakke’s Mean Curvature Flow, SRF Lecture Course 3

All talks take place at ESI Boltzmann Lecture Hall!