



Curtin University

THE INSTITUTE FOR
GEOSCIENCE RESEARCH (TIGeR)

2019 TIGeR CONFERENCE

Pathways towards equilibrium in
geological systems

11–13 September, 2019
Curtin University, Perth

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2019 TIGeR CONFERENCE

Pathways towards equilibrium in geological systems
– mechanisms, length scales and microstructures

The aim of this 3-day conference is to promote progress at the leading edge of this topic through presentations and open-forum discussion.

We will focus on questions related to mechanisms of mineral and rock equilibration from the Earth's surface to the deep crust, including:

- *Crystallization and re-equilibration in aqueous solutions and its consequences*
- *Re-equilibration in crustal rocks and drivers towards equilibrium: a question of spatial scale?*
- *Are metamorphic rocks non-equilibrium self-organised systems?*
- *What mechanisms are available for the re-equilibration of a mineral assemblage?*
- *What can we learn from mineral microstructures and rock textures?*
- *Mineralization patterns and ore deposits as non-equilibrium phenomena*
- *Open and closed systems*

The total number of participants will be limited to about 80-100, to facilitate active participation and open discussion. So register early to avoid disappointment.

THE AGENDA

The aim is to have short presentations (20 + 10 minutes for keynote speakers, 10 + 5 minutes for other talks) focusing on specific issues for later discussion. Poster sessions throughout the conference will provide further discussion time. The detailed schedule will be sent out after the registration period.

Speakers include:

Lukas Baumgartner (Lausanne, Switzerland)
Andreas Beinlich (Curtin, Australia)
Shuyun Cao (Wuhan, China)
Damien Daval (Strasbourg, France)
David Dolejs (Freiburg, Germany)
Katy Evans (Curtin, Australia)
Matt Fantle (Penn State, USA)
Andrew Friedrich (Monash, Australia)
Julian Gale (Curtin, Australia)
Juan Manuel Garcia Ruiz (Granada, Spain)
Denis Gebauer (Konstanz, Germany)
Thorsten Geisler (Bonn, Germany)
Marguerite Godard (Montpellier, France)
Benjamin Malvoisin (Grenoble, France)
Klaus Mezger (Bern, Switzerland)
Eric Oelkers (UCL, UK)
Sandra Piazzolo (Leeds, UK)
Christine Putnis (Münster, Germany)
Simon Redfern (Cambridge, UK)
François Renard (Oslo, Norway)
Encarni Ruiz-Agudo (Granada, Spain)
Tracy Rushmer (Macquarie, Australia)
Aleksey Sadekov (UWA, Australia)
Carl Spandler (James Cook, Australia)
Simon Turner (Macquarie, Australia)

DETAILS

REGISTRATION & ABSTRACT SUBMISSION

Please go to the website

<http://tiger.curtin.edu.au/conferences/>
and follow the links.

VENUE

The Exhibition Area, Building 500,
Curtin University, Bentley Campus, Perth.

ACCOMMODATION

Most of the large chain hotels are in the City and there are public transport options (buses) to Curtin. There are also many Airbnb opportunities nearer to Curtin. Further details will follow for registered participants.

CONTACT

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SPONSORS

