

Effective Approximation and Dynamics of Many-Body Quantum Systems

June 29 – July 3, 2026

Constructor University Bremen

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UNIVERSITY

Plenary Speakers

Miguel Ballesteros (Universidad Nacional Autónoma de México)

Niels Benedikter (University of Milan)

Lea Boßmann (University of Erlangen–Nürnberg)

Jean-Bernard Bru (BCAM – Basque Center for Applied Mathematics)

Charlotte Dietze (Sorbonne Université)

Søren Fournais (University of Copenhagen)

Jürg Fröhlich (ETH Zürich)

Marcel Griesemer (University of Stuttgart)

Marius Lemm (University of Tübingen)

Marcin Napiórkowski (University of Warsaw)

Ngoc Nhi Nguyen (Université de Lille)

Francis Nier (Université Sorbonne Paris Nord)

Alessandro Olgiati (Politecnico di Milano)

Alessandro Pizzo (University of Rome Tor Vergata)

Chiara Saffirio (University of Basel)

Vedran Sohinger (University of Warwick)

Lorenzo Zanelli (University of Padova)

Conference Information



Scan for registration and details

Important Dates

Registration deadline:

June 5, 2026

Poster application:

May 20, 2026

Financial support application:

May 20, 2026

Organizers

Zied Ammari (Marie and Louis Pasteur University, Besançon)

Volker Bach (Technical University Braunschweig)

Sébastien Breteaux (University of Lorraine)

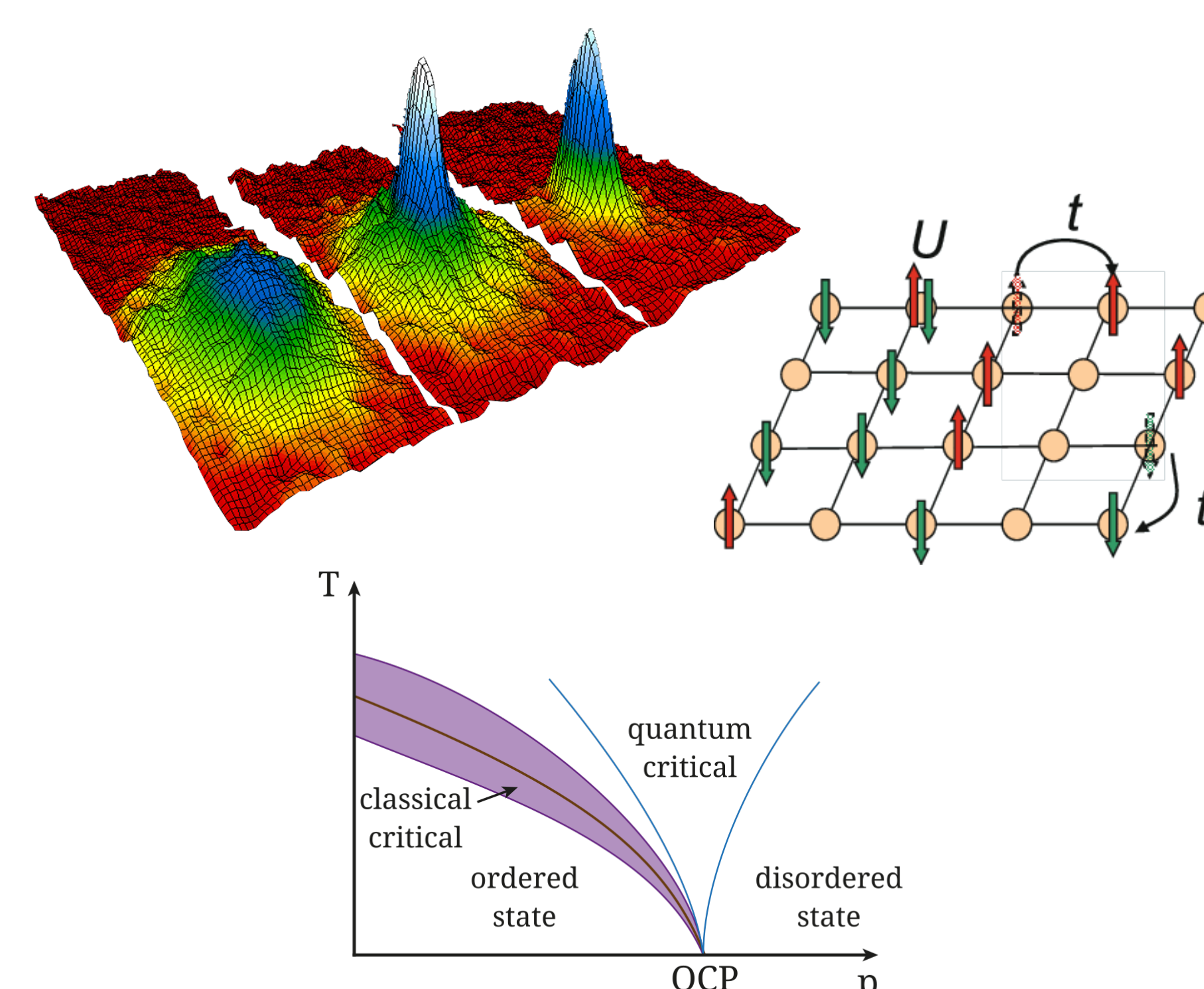
Jérémy Faupin (University of Lorraine)

Sören Petrat (Constructor University)

Scientific Topics

The conference focuses on mathematical aspects of quantum theory, in particular:

- Quantum many-body systems
- Effective equations
- Semiclassical analysis
- Quantum systems at positive temperature



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