RCQM Symposium on Fe-based Superconductivity

Jan 18–20, 2021 online

Register in advance for this meeting:

https://rcqm.rice.edu/events/101/

After registering, you will receive a confirmation email containing information about how to join the meeting.

Rationale and Scope

Since its discovery in 2008, the high-temperature Fe-based superconductors have been the subject of intense worldwide research. As the field progresses during the second decade, exciting new understandings and questions continue to emerge at a rapid pace on a variety of topics. The RCQM symposium will bring together active experimentalists and theorists to highlight the recent achievements on several particularly vibrant topics, and engage in discussions about the future directions of this field.

The symposium will revolve around the following focus topics on Fe-based superconductivity:

- **Electron Correlations and Orbital Selectivity**
- **Quantum Criticality**
- **Nematicity**
- **Electronic Topology**

For logistics questions, please contact:

Alice Chow (Rice U.) alice.chow@rice.edu
Ginny Whitaker (Rice U.) ginny.w@rice.edu

Invited Speakers

Electron Correlations/Orbital Selectivity
Roser Valenti (Goethe U., Frankfurt, Germany)
Gabriel Kotliar (Rutgers U.)
Rong Yu (Renmin U., China)
Jianwei Huang (Rice U.)

Quantum Criticality
Matthias Ikeda (Stanford U.)
Nigel Hussey (Radboud U., Netherlands)
Amalia Coldea (Oxford U., U.K.)
Ding Hu (Hangzhou Normal, China)

Nematicity
Donglai Feng (USTC, Hefei, China)
Taka Shibauchi (U. Tokyo, Japan)
Anna Böhmer (KIT, Karlsruhe, Germany)
Paul Malinowski (U. Washington)
Yu Song (Zhejiang University)

Electronic Topology
Peng Zhang (U. Tokyo, Japan)
Vidya Madhavan (UIUC)
Ryan Day (UBC, Canada)
Ziqiang Wang (Boston College)

Organizers

Jiun-Haw Chu (U. Washington) jhchu@uw.edu
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For questions on the scientific program, please contact one of the organizers.

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