

QIQB Kickoff Symposium

Quantum Information and Quantum Biology Division

Institute for Open and Transdisciplinary Research Initiatives, Osaka University

Are we quantum computers, or merely clever robots?

10:00—17:20, Tue 26 March 2019

Osaka University Hall, Toyonaka, Osaka

Registration→ <https://entry.es.osaka-u.ac.jp/20190326-qiqb2019> (in Japanese)

or contact to <https://qiqb.otri.osaka-u.ac.jp/en/contact/> (in English)

Program

- 10:00 Opening Remarks Yasushi Yagi, Director of the Institute
10:05 Greetings Guests
10:15 Introduction of Division and Members Masahiro Kitagawa, Director of QIQB
11:00 Tutorial Review of Quantum Computing (in Japanese) Keisuke Fujii (Kyoto Univ.)
11:45 Lunch Break
12:45 Invited Talk: **Jarrold McClean** (Google) <https://jarrodmcclean.com/>
“Quantum computation for chemistry and materials on near-term devices”
14:15 Break
14:30 Invited Talk: **Matthew Fisher** (UCSB) <https://www.kitp.ucsb.edu/mpaf/quantum-brain>
“Quantum Brain - Are we quantum computers, or merely clever robots?”
16:00 Break
16:10 Panel Discussion (in English) Moderator: Masahiro Kitagawa
Jarrod McClean (Google), Matthew Fisher (UCSB), Keisuke Fujii (Kyoto Univ.)
Masaki Oshikawa (ISSP / Univ. Tokyo), Koji Hashimoto, Hiroshi Ishiguro
16:55 Summary Session (in Japanese) Moderator: Masahiro Kitagawa
Masaki Oshikawa, Keisuke Fujii, Koji Hashimoto, Hiroshi Ishiguro
17:15 Closing Remarks Masahiro Kitagawa
17:20 Closing

17:30—19:30 Information Exchange Meeting

Access Map (31st Building)→ <https://www.osaka-u.ac.jp/en/access/toyonaka/toyonaka.html>

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