

New schedule

2020 OIST Workshop “Quantum Math, Singularities and Applications”

Organizers: Shihoko Ishii (Tsinghua University/Univ. Tokyo)
Yasuyuki Kawahigashi (The University of Tokyo)
Shinobu Hikami (OIST)

Workshop title:

Quantum Math, Singularities and Applications

Venue: New Lecture Room in Lab.4, OIST, Okinawa (tentative)

Dates: 2/8–2/12, (2/7 check in, 2/13 check out), 2021

Lodging: Seaside House and lodging house in campus

Tentative list of invited talkers (to be changed by a new Schedule)

- 1) Shihoko Ishii (Tsinghua Univ. /Univ. Tokyo, Organizer)
- 2) Lawrence Ein (University of Illinois at Chicago)
- 3) Kei-ichi Watanabe (Nihon University)
- 4) Yasuyuki Kawahigashi (The University of Tokyo, Organizer)
- 5) Segrey Natanzon (Higher school of economics, Moscow)
- 6) Vladimir Dotsenko (Univ. Strasbourg)
- 7) Christine Vespa (Univ. Strasbourg)
- 8) Benoit Collins (Kyoto Univ.)
- 9) Shunsuke Takagi (The University of Tokyo)
- 10) Kohsuke Shibata (The University of Tokyo)
- 11) Takehiko Yasuda (Tohoku University)
- 12) Zenghan Wang (Microsoft Station Q)
- 13) Shinobu Hikami (OIST, Organizer)
- 14) Masahiko Yoshinaga (Hokkaido University)
- 15) Terry Gannon (University of Alberta)
- 16) Motoko Kato (Ehime Univ.)
- 17) Makiko Mase (Mannheim Univ.)

18) Mayuko Yamashita (Kyoto Univ. RIMS)

19) Yoshinori Okada (OIST)

The dead line of application for the participation is 31/12/2020.

Application: hikami at oist.jp

Or workshop@oist.jp

Conference description:

This conference of quantum mathematics and singularity includes subjects in new developments of the singularity theories and the conformal field theory. The followings are key words: two or three dimensional normal singularities, arc space and jet scheme, moduli space and operad, noncommutative geometry, conformal bootstrap and super conformal field theory. The topological materials of condensed matter physics need rigorous mathematical classifications, which will be one of applications.