

The First KMI School:
“Dark Matter” (Feb. 28th to Mar. 2nd, 2018)
--Second circular--

The first KMI School will be held with a topic “Dark Matter” at Nagoya University from Feb. 28th to Mar. 2nd, 2018.

The registration is now open on the Web page.

<http://www.kmi.nagoya-u.ac.jp/workshop/kmischool2018/>

Deadline of registration is January 5th (Fri.).

1) Venue

KMI School will be held at KMI Science Symposia (ES635) on the 6th floor at ES building at Nagoya University, Higashiyama campus. The location of the building can be found on the Campus map:

http://en.nagoya-u.ac.jp/upload_images/campus%20map2013_en_ol.pdf

2) Tentative schedule

February 28th (Wed.)

9:00- 9:30 Registration

9:30- 9:40 Opening

9:40-11:10 Lecture “Particle dark matter” (part 1)

Lecturer: John Ellis (King’s Collage London)

13:00-14:30 Lecture “Particle dark matter” (part 2)

15:00-16:30 Tutorial course “Introduction of DarkSUSY” (part 1)

Lecturer: TBC

17:00-18:30 Seminar “Hydrogen 21cm line and dark matter”

Speaker: Kiyotomo Ichiki (Nagoya Univ.)

March 1st (Thu.)

9:00-10:30 Lecture “Particle dark matter” (part 3)

11:00-12:30 Seminar “Indirect searches for dark matter with gamma rays and other messenger”

Speaker: Hiro Tajima (Nagoya Univ.)

14:00-15:30 Tutorial course "Introduction of DarkSUSY" (part 2)

16:00-17:30 Tutorial course "Introduction of DarkSUSY" (part 3)

18:30-20:30 Poster session/Banquet

March 2nd (Fri.)

9:00-10:30 Lecture "Astrophysical observations of dark matter" (part 1)

Lecturer: Joseph Silk (University of Oxford)

11:00-12:30 Lecture "Astrophysical observations of dark matter" (part 2)

14:00-15:30 Seminar "Dark matter direct detection experiments"

Speaker: Elena Aprile (Columbia Univ.)

16:00-17:30 Lecture "Astrophysical observations of dark matter" (part 3)

17:30-17:40 Prize-awarding ceremony

17:40-17:45 Concluding

3) Registration

Those who are applying for the participation in the KMI School are asked to fill out the Registration Form on the Web page of the KMI School by January 5th (Fri.). Acceptance may be limited due to the capacity of the lecture hall, which accommodates 100 participants maximum.

Those who are applying for the poster session in the evening on March 1st, please check "Poster Presentation" on the Registration Form and fill in the Title and Abstract.

Those who are applying for the financial supports, please check "Financial support" on the Registration. The fixed amount to cover the accommodation, domestic transportation and local expenses may be granted to limited numbers of participants.

The registration fee 1,000 yen is to be paid "by cash" at the reception desk.

4) Accommodation

We would like to ask participants to arrange their accommodations by themselves, and we recommend reserving the hotel rooms as early as possible.

5) Tutorial course

DarkSUSY is a fortran package for supersymmetric dark matter calculations. It is frequently used in phenomenological studies of dark matter.

<http://www.darksusy.org>

We will ask the participants to bring the laptop on which DarkSUSY is installed. The details will be informed later.

6) Committees

Advisory committee

T. Maskawa, M. Kobayashi, H. Kunieda

Organizing Committee

T. Abe, A. Gaz, M. Harada, J. Hisano (Chair), A. K. Ichiki, T. Iijima (Co-Chair), Y. Itow, K. Izumi, H. Kanno, Y. Kato, M. Kitaguchi, P. Krizan, Y. Maeda, N. Maekawa, K. Matsuoka, T. Naka, Y. Nakahama, M. Nakamura, A. Nishizawa, S. Nojiri (Co-Chair), Y. Omura, H. Shimizu, T. Shiromizu, N. Sugiyama, H. Tajima, M. Tanabashi, K. Yamamoto

7) Correspondence:

KMI School secretariat

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