

The banner features a blue-tinted background image of a nuclear reactor's internal structure, showing various pipes and components. The text 'RPHA19 Call for Papers' is prominently displayed in white, bold, serif font. Below it, the dates and location are written in a smaller, white, sans-serif font.

RPHA19 Call for Papers

December 2nd-3rd, 2019. Osaka International House Foundation, Osaka, Japan

RPHA19 (**R**eactor **P**hysics **A**sia 2019) which will be the third meeting of the Asian Reactor Physics Conference series is going to be held Osaka, Japan, during 2nd and 3rd December 2019. Establishing this RPHA conference series was agreed by the Reactor Physics Divisions (and/or mathematics and computation) of nuclear (or atomic energy) societies of Korea, China and Japan to promote knowledge exchange between the nuclear reactor physics related groups of the nuclear industry, academia, and research sectors in Asian countries. With the growing need for the safe and effective utilization of nuclear energy in the Asian region which lacks abundant sources of cheap and clean energy, the outcomes of the *theoretical*, *experimental*, *computational*, and *operational* reactor physics research and developments of the Asian reactor physics related groups would play an instrumental role in the stable and expanded use of nuclear power. RPHAs, which will take place every two years by rotating the host among the three countries, would provide a very efficient meeting ground for sharing technical information and encouraging mutual collaboration. The regional closeness and the cultural similarities of the Asian countries would be another important benefits of the RPHA meetings as well.

Brief papers are solicited in the following subject areas (Tracks):

1. Deterministic Transport Methods and Applications
2. Monte Carlo Methods and Applications
3. Core Analysis Methods
4. Reactor Kinetics
5. Reactor Physics Experiments
6. Nuclear Data and Evaluation
7. Uncertainty Quantification and Data Assimilation
8. Multiphysics Power Reactor Simulations

Special sessions

1. Advanced Monte Carlo Modeling
2. Source-Driven Subcritical System
3. Nuclear Education and Training [Panel]
4. Fukushima Challenge

Please submit your manuscript by **3rd June 2019** onto the meeting website, www.rpha19.org. The template of the two-column papers is available at the website. Note that **maximum number** of pages of manuscript is **4**.

The important meeting information is provided as follows:

Manuscript Due	:	3rd June 2019 5th July, 2019
Review Results	:	9th August 2019
Final Paper Due	:	15th September 2019
Duration	:	Morning 2nd December 2019 - Noon 3rd December 2019
Registration Fee	:	JPY40,000 for regular participants, JPY25,000 for students
Venue	:	Osaka International House Foundation, Osaka, Japan (http://www.ih-osaka.or.jp/english/)
Inquiry	:	Prof. Pyeon CH, Kyoto Univ. (pyeon@rri.kyoto-u.ac.jp ; +81-72-451-2356)

Executive Committee of RPHA19

Yamamoto A (Nagoya Univ.)

Tsujimoto K (JAEA)

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Kim Y (KAIST)

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Joo HG (Seoul Nat'l Univ.)

Yao D (NPIC)

Wang K (Tsinghua Univ.)

Wu H (Xi'an Jiaotong Univ.)

Track Leaders

Endo T (Nagoya Univ.) (Track 3)

Yamamoto T (Kyoto Univ.) (Track 2; SS1)

Chiba G (Hokkaido Univ.) (Track 7)

van Rooijen W (Univ. Fukui) (Track 8)

Nishiyama J (Tokyo Inst. Technol.) (Track 6)

Takezawa H (Tokyo City Univ.) (Track 4)

Aizawa N (Tohoku Univ.) (Track 5)

Yamanaka M (Kyoto Univ.) (SS2)

Tada K (JAEA) (Track 1)