



FUSION20

International Conference on Heavy-Ion Collisions at Near-barrier Energies
Shizuoka, Japan, 15-20 November 2020

Second Circular

Dear Colleagues,

The eighth international FUSION conference, FUSION20, will be held from November 15th to November 20th, 2020, in Shizuoka City, Japan.

Abstracts:

Submission deadline April 15, 2020

Abstracts are welcome on or related to the following topics:

- ✓ Fusion dynamics
- ✓ Superheavy elements: Synthesis, structure, and chemistry
- ✓ Fission and quasifission dynamics
- ✓ Transfer reactions and deep-inelastic collisions
- ✓ Near-barrier collisions with weakly bound and unstable nuclei
- ✓ Tunnelling: deep sub-barrier fusion and spontaneous fission
- ✓ Nuclear reactions relevant to astrophysics: fusion, fission, and transfer
- ✓ Theoretical developments in fusion and large amplitude collective motions
- ✓ Accelerators and instrumentation for reactions around the barrier

Submission instruction can be found on the conference website:

<https://asrc.jaea.go.jp/soshiki/gr/HENS-gr/fusion20/index.html>

Abstracts will be selected for oral and poster presentations. Notification will be sent in early June by e-mail.

Invited speakers:

D. Ackermann (GANIL)*, M. Caamano (Santiago de Compostela),
L. Corradi (Legnaro), M. Dasgupta (ANU)*, R. de Souza (Indiana),
S.N. Dimitriev (Dubna)*, L. Guo (UCAS)*, D.J. Hinde (ANU)*,
K. Hirose (JAEA), A.V. Karpov (Dubna), J. Khuyagbaatar (Mainz),
G. Montagnoli (Padova), K. Morimoto (RIKEN), A. Moro (Sevillia),
M. Mumpower (LANL), W. Nazarewicz (FRIB/MSU), J. Randrup (LBNL),
K. Sekizawa (Niigata), C. Simenel (ANU), E.C. Simpson (ANU),
X. Tang (IMP), A. Tumino (Catania), S. Umar (Vanderbilt)

(* to be confirmed)

Registration:

We will open the registration site on the conference web page in early June. The registration deadline will be June 30, 2020 (early bird) and August 31, 2020 (regular). Details will be announced later.

Proceedings:

The conference proceedings will be published in EPJ Web of Conferences. Submission instruction will be announced during the conference.

Travel information:

The conference will be held at the Shimizu Terrsa in the Shimizu-area of Shizuoka City, Japan.

<https://www.japanmeetings.org/plan-your-event/venue-search/detail.html?id=335>

The city of Shizuoka is located between Tokyo and Nagoya, and can be reached by a Shinkansen superexpress train either from Tokyo/Shinagawa or from Osaka or Nagoya. It takes about 1 hour from Tokyo (50 minutes from Shinagawa), 2 hours from Osaka, and 1 hour from Nagoya, by Shinkansen “Hikari”. Please notice that Shinkansen “Nozomi” does not stop at Shizuoka, and one needs to take either Shinkansen “Hikari” or Shinkansen “Kodama”, which stops at the JR-Shizuoka

station.

To reach the conference venue, please change the train and get off at the JR-Shimizu station. The JR-Shimizu station is the third station from the Shizuoka station, and it takes about 10 minutes by train from the JR-Shizuoka station.

The nearest international airports to Shizuoka include: Tokyo Narita, Tokyo Haneda, Osaka Kansai, and Nagoya. Shizuoka also has a small airport, which can be reached from several cities in China and Korea.

Accommodation:

Many hotels are available in the area of JR-Shizuoka station. Also, several hotels can be found in the area of JR-Shimizu station (closest to the conference venue). More information will be distributed when the registration site will be open on the conference web page.

Social Activities:

On Sunday evening, 15 November 2020, a welcome reception will be held in the restaurant in the Shimizu Terrsa for all guests. The conference excursion will be held in the afternoon of Wednesday, November 18, 2020, followed by the conference banquet in the evening.

Important dates:

April 15, 2020	Submission deadline for abstracts
Early June, 2020	Notification for oral/poster presentations
June 1, 2020	Registration start
June 30, 2020	Deadline for Early bird
August 31, 2020	Deadline for registration
October, 2020	Final circular
November 15-20	FUSION20

International Advisory Committee:

D. Ackermann (GANIL, France),	A.N. Andreyev (York, UK),
L. Corradi (INFN-Legnaro, Italy),	S. Courtin (IPHC and USIAS, France),
M. Dasgupta (ANU, Australia),	A. Di Pietro (INFN-LNS, Italy),
L. Gasques (USP, Brazil),	S. Heinz (GSI, Germany),
D.J. Hinde (ANU, Australia),	B. Jurado (CENBG, France),
A. Karpov (Dubna, Russia),	C.J. Lin (CIAE, China),
A. Moro (Sevilla, Spain),	W. Nazarewicz (FRIB and MSU, USA),
G. Rogachev (TAMU, USA),	A. Shrivastava (HBNI, India),
S. Umar (Vanderbilt, USA)	

Program Committee:

K. Hagino (Kyoto), K. Hirose (JAEA), L. Guo (UCAS), T. Kawabata (Osaka), F. Minato (JAEA), T. Nakatsukasa (Tsukuba), K. Nishio (JAEA), S. Sakaguchi (Kyushu), M. Sasano (RIKEN), X. Tang (IMP), Y.X. Watanabe (KEK), S.G. Zhou (ITP)

Local Organizing Committee:

Co-chairs: K. Hagino (Kyoto), K. Nishio (JAEA)

Scientific Secretaries : K. Hirose (JAEA), Y. Ito (JAEA), F. Minato (JAEA), F. Suzuki (JAEA)

Conference Web page:

<https://asrc.jaea.go.jp/soshiki/gr/HENS-gr/fusion20/index.html>

Contact information:

Please direct any correspondence regarding FUSION20 to:

fusion20@jaea.go.jp

We look forward to seeing you in Shizuoka.

Best regards,

The FUSION20 Local Organizing Committee