



**THE INTERNATIONAL CONFERENCE ON FISSION AND PROPERTIES OF NEUTRON-RICH NUCLEI (ICFN7)** will be held November 6-12, 2022 at Sundial Beach Resort & Spa on Sanibel Island in Florida, United States. The conference is hosted by the Facility for Rare Isotope Beams (FRIB), Vanderbilt University, and Los Alamos National Laboratory.

### **CONFERENCE FOCUS AREAS**

- Fission Modes and Reactions: Neutron-induced fission, photo-fission, charged particle-induced fission, Coulomb fission, fusion-fission.
- Fission Processes: Neutron and gamma multiplicities, energy spectra, prompt and beta-delayed emissions, fragment properties in energy and spin, fission fragment spectroscopy, cold fission, ternary fission, fission isomers, fission product yields.
- Properties of Neutron-rich Nuclei: Decay properties, masses, nuclear structure, and nuclear astrophysics.
- Fragmentation and Accelerated Beams of Neutron-rich Nuclei: Coulomb excitation, transfer reactions, deep inelastic collisions and present and future facilities for rare isotope beams.
- Super Heavy Elements: Current status of super heavy element research, decay spectroscopy, chemistry of SHE, production methods and current and future facilities.

## ABSTRACT SUBMISSION

**Abstract submission is now open.** The conference will consist of invited and contributed talks, and a poster session. Contributed talks will be selected based on abstract submission and evaluation by members of the International Advisory Committee. Abstracts must be submitted electronically through the meeting website <https://indico.frib.msu.edu/event/10/abstracts/>.

**The abstract submission deadline is September 1, 2022.**

## REGISTRATION

**Registration is now open.**

Please complete registration at <https://indico.frib.msu.edu/event/10/registrations/>; to let us know if you intend to come. (*on or before August 1, 2022, for planning purpose*)

The registration fees are:

- US\$775 **early** participant registration, full, (on or before September 1, 2022)
  - Payment of the registration fee can be [made online using a major credit card](#)
- US\$875 **late** participant registration, full, (September 2 – October 31, 2022)
- US\$975 **onsite** registration, full, (until November 12, 2022)
- US\$700 **student/retiree** registration, full, (on or before October 31, 2022)
- US\$350 companion registration, 3 lunches, banquet and 2 receptions (on or before September 1, 2022)
- US\$450 companion registration, 3 lunches, banquet and 2 receptions (September 2 – November 12, 2022)

The registration fee for participants covers the costs of meeting participation, including breakfast each day, 3 lunches, a conference banquet, 2 receptions, a boat excursion to an outer island.

**Cancellations:** Cancellations must be communicated in writing via email at [ICFN7@frib.msu.edu](mailto:ICFN7@frib.msu.edu). For participant cancellations, pre-paid registration fees are refundable,

less a \$50 USD processing fee, if notification of cancellation is received in writing by September 30, 2022. Cancellations after this date may result in forfeiture of the entire delegate registration fee. However, a substitute registrant will be accepted. Refunds may be granted for no-shows under extenuating circumstances at the sole discretion of the conference organizers.

## **VISA**

For International Visitors to **ICFN7**, you do not need visa invitation letters to apply for a visitor visa. Instead, you need to document the reason/purpose of your visit. The conference website contains this information, including the event name and dates. Approval for VISA to the United States can be lengthy; therefore, international participants should check entry requirements and start the necessary paperwork well in advance of the conference. We encourage you to apply for your [US Visa](#) at least 120 days prior to the conference. The United States Department of State is the definitive source of requirements for your visit. Their website is <https://travel.state.gov/content/travel/en/us-visas/tourism-visit/visitor.html>

## **ACCOMMODATIONS**

The conference venue is the [Sundial Beach Resort & Spa](#), which is located directly on the beach of the Southwest Florida Gulf Coast. The resort offers many amenities and activities including swimming pools, a fitness center, bicycling, kayaking, paddleboarding, tennis, pickleball, and golf. There is a nature reserve where one can go by canoe, bicycle, or car to observe wildlife and the Florida Everglades are less than an hour away. The Sundial Resort also offers activities for children. All accommodations options include kitchen and living areas.

**Participants should make their own reservations.**

For details, see: <https://indico.frib.msu.edu/event/10/page/61-accomodations>

The deadline for room reservations at the conference rate is Monday, 5 October 2022.

## TRAVEL TO THE CONFERENCE

The conference will be held on Sanibel Island off the Southwest Florida Gulf Coast. The island is about a forty-five-minute drive from Southwest Florida International Airport (RSW) located in Fort Myers, Florida, and about a three-hour drive from Miami International Airport (MIA).

The cost for a taxi from RSW to the Sundial Resort is approximately 75 USD.

For those electing to drive to the conference, parking is available at the Sundial Resort. Most major rental car companies have services at RSW.

## CONFERENCE DEADLINES

- July 1, 2022 - abstract submission deadline
- September 1, 2022 - early registration deadline
- September 2022 - third announcement with program details
- October 5, 2022 – The deadline for room reservations at the conference rate

## MEETING SOCIAL EVENTS

- Sunday, November 6, 2022: Welcome Reception
- Monday, November 7, 2022: Poster Session
- Tuesday, November 8, 2022: Conference excursion
- Friday, November 11, 2022: Conference Banquet
- Saturday, November 12, 2022: Conference concludes before noon

## CONFERENCE SPONSORS

- [Facility for Rare Isotope Beams](#)
- [Vanderbilt University](#)
- [Los Alamos National Laboratory](#)

## INTERNATIONAL ADVISORY COMMITTEE MEMBERS

The members of the International Advisory Committee are listed at:

<https://indico.frib.msu.edu/event/10/page/161-organizing-committees-and-sponsors>

## CORRESPONDENCE

All correspondences should be made through:

ICFN7

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Michigan State University

East Lansing, MI 48824

USA

Phone: 517-908-7795

Email: [ICFN7@frib.msu.edu](mailto:ICFN7@frib.msu.edu)

**Website:** <https://indico.frib.msu.edu/event/10/>

## Local Organizing Committee:

Co-Chair, Joseph Hamilton, [j.h.hamilton@vanderbilt.edu](mailto:j.h.hamilton@vanderbilt.edu)

Co-Chair, Brad Sherrill [sherrill@nscl.msu.edu](mailto:sherrill@nscl.msu.edu)

Co-Chair, Patrick Talou, [talou@lanl.gov](mailto:talou@lanl.gov)

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**Additional information** can be obtained from:

Conference Secretaries, Elizabeth Deliyiski and Beth Hannon

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