

# FUSION17

## INTERNATIONAL CONFERENCE ON HEAVY-ION COLLISIONS AT NEAR-BARRIER ENERGIES

<http://fusion17.anu.edu.au> | [fusion17@anu.edu.au](mailto:fusion17@anu.edu.au)

### FIRST CIRCULAR

**Dear Colleagues,**

The seventh international FUSION conference, FUSION17, will be held from the 20th to the 24th of February, 2017, in Hobart, Tasmania, Australia.

**Conference host and venue:**

The Australian National University's Department of Nuclear Physics is organizing the FUSION17 conference. The conference will be held at the [Henry Jones Art Hotel](#) in Hobart, Tasmania, Australia.

**Scientific program:**

FUSION17 will follow in the tradition of the FUSION conference series and cover a wide range of topics associated with near-barrier nuclear reactions.

The following topics will be covered:

- Fusion dynamics
- Superheavy elements: Synthesis methods, structure, and chemistry
- Fission and quasifission dynamics
- Transfer and deep-inelastic collisions
- Near-barrier collisions with weakly bound and unstable nuclei
- Tunnelling and deep sub-barrier fusion
- Fusion and fission in astrophysics
- Accelerators and instrumentation for reactions around the barrier

**Registration, abstract submission, and proceedings:**

The registration and abstract submission dates will be announced in a future circular. Refereed conference proceedings will be published in EPJ Web of Conferences.

**Social Activities:**

On Sunday evening, 19 February 2017, a welcome reception will be held in the Henry Jones Art Hotel atrium for all guests. The conference banquet will be held on Wednesday evening, 22 February 2017.

**Conference Web page:**

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### Travel information:

All international conference attendees will require a visa to enter Australia. Many participants will be eligible to apply online for an electronic visa or Electronic Travel Authority (ETA). **Visas or ETAs must be obtained before leaving your home country.** More information on this can be found on the [conference website](#) or at <http://www.border.gov.au>.

International travellers will need to fly to mainland Australia before catching a domestic flight to Hobart. The closest international airports are Brisbane (BNE), Sydney (SYD), or Melbourne (MEL). Please see the [conference website](#) for details.

Due to the significant time difference and length of the travel, we recommend planning to arrive on the Friday before the conference. There are [many activities](#) to do in Hobart on Saturday, including the popular [Salamanca Market](#) held every Saturday from 8:30 am – 3:00 pm at Salamanca Place, featuring food, local crafts, and live music.

We also recommend booking accommodation early. February is festival season in Hobart and accommodation fills up early. In the next circular, we will provide recommended accommodation and booking details. Most accommodation options will be a short walk from the conference venue.

### Climate:

February is summer in Australia. Due to its southerly location, Tasmanian summers are pleasant, with temperatures ranging from 17-23° C during the day. For more information, visit: <http://www.australia.com/en/facts/weather/hobart-weather.html>

### Contact information:

Please direct any correspondence regarding FUSION17 to:

[fusion17@anu.edu.au](mailto:fusion17@anu.edu.au)

We look forward to seeing you in Hobart.

Best regards,

The FUSION17 Local Organizing Committee