IAU Commission C1 Conference on
Astronomy Education: Bridging Research & Practice

1st Circular and Call for Papers

September 16 to 18, 2019
Monday to Wednesday

ESO, Garching, Munich, Germany

Astronomy Education
Research

Astronomy Education Standards,
Curriculum and Instruction

Primary and Secondary Teacher Education

iau-dc-c1.org/astroedu-conference
The field of astronomy education has grown significantly over the last few decades, with an increasing number of research articles having been published by a growing number of academic and practitioner groups. Despite this, there has been no regular international conference place for astronomy education researchers and practitioners around the world to convene and discuss their work in the field. Hence this meeting is intended to be the first of a regular, bi-yearly, IAU Commission C1 Astronomy Education Conference with an aim to increase the quality, quantity, community and impact of astronomy education research and practice.

This conference aims to bring together astronomers, astronomy education researchers and education practitioners to communicate, discuss and tackle common issues. The three key topics span traditional and practical research exploring the purely theoretical to issues encountered attempting to embed research results into practical situations, usually mediated by standards, curriculum and instruction. The conference will also provide an opportunity for the community to discuss the results in astronomy education stemming from the IAU Strategic Plan 2010-2020 and discuss the requirements for meeting the next IAU Strategic Plan goals regarding astronomy education.

NOTE: submissions for talks, posters and workshops should, where possible, be accompanied by references and/or how this work builds on these previous work.

The three key topics are subdivided in the following subtopics which cover the most pressing topics in modern astronomy education research and practice:

**Astronomy Education Research**
- Research & practice in Astronomy Education
- Innovations in research methodologies and instrumentation
- Surveys of the current state of astronomy education research
- Evaluating approaches for teaching and learning

**Astronomy Education Standards, Curriculum and Instruction**
- New trends in Astronomy Education
- Tools, Programmes and Resources in Astronomy education
- Virtual and augmented reality in teaching and learning astronomy
- Curriculum development, literacy, standards and policy
- Authentic research data in astronomy education

**Primary and Secondary Teacher Education**
- Designing and implementing training programmes for pre-service and in-service teachers.
- Astronomy-related research experiences for teachers and informal educators.

**Scientific Organising Committee Co-Chairs**
- Paulo S. Bretones (Universidade Federal São Carlos, Brazil)
- Urban Eriksson (Lund University, Kristianstad University, Sweden)

**Scientific Organising Committee**
- Janelle Bailey (Temple University, USA)
- Akihiko Tomita (Wakayama University, Japan)
- Anthony Lelliott (University of the Witwatersrand, South Africa)
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- Tania Johnson (ESO, Germany)
- Lars Lindberg Christensen (ESO, Germany)
- Saeed Salimpour (Deakin University, Australia)

**Editor(s) of Proceedings**
- Paulo S. Bretones
- Michael Fitzgerald
- Urban Eriksson
Important Dates

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>21 May, 2019</td>
<td>Abstract Submission Deadline</td>
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<td>Travel Grant Application Deadline</td>
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<tr>
<td>31 May, 2019</td>
<td>Early Bird Registration Deadline</td>
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<tr>
<td>22 July, 2019</td>
<td>Announcement of Abstracts</td>
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<td>Announcement of Travel Grants</td>
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<tr>
<td>5 August, 2019</td>
<td>Standard Registration Deadline</td>
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<tr>
<td>12 August, 2019</td>
<td>Full program published</td>
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Call for Papers

Submission of Abstracts for the conference is available now via a form on the conference website.

Costs

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<tr>
<th>Type</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Early bird</td>
<td>EUR 225</td>
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<tr>
<td>Standard Registration</td>
<td>EUR 300</td>
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Travel Grants

Travel Grant Application Information will be available soon
If you would like to be kept updated, you can subscribe to the conference mailing list via the website.

Contact

For more information, feel free to contact via email at: astroseduconf@iau-dc-c1.org