ISC 2020 Tutorials

PLEASE NOTE: The Call for Tutorials is closed!

The ISC tutorials are interactive courses focusing on key topics of high performance computing, networking, storage, and data science. Renowned experts in their respective fields will give attendees a comprehensive introduction to the topic as well as providing a closer look at specific problems. Tutorials are encouraged to include a “hands-on” component to allow attendees to practice prepared materials.

Chair - Janine Bennett

For Janine Bennett's full biography, please click here.

Tutorials Chair
Janine Bennett, Sandia National Laboratories

Tutorials Deputy Chair
Kevin Huck, University of Oregon

Accepted Tutorials

Full-Day Tutorials (9:00 am – 6:00 pm)
ISC 2020 CALL FOR TUTORIALS

PLEASE NOTE: The Call for Tutorials is now closed!

Submitted tutorial proposals will be reviewed by the ISC 2020 Tutorials Committee, which is headed by Dr. Janine Bennett, Sandia National Laboratories, USA, with Kevin Huck, University of Oregon, USA, as Deputy Chair.

Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Submission Deadline</td>
<td>February, 12, 2020 (closed)</td>
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<tr>
<td>Notification of Acceptance</td>
<td>March 18, 2020</td>
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<tr>
<td>Working Materials for Tutorial Attendees due</td>
<td>June 15, 2020</td>
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Tutorials


**AREAS OF INTEREST**

- Tutorials submissions are encouraged on the following topics:
  - Any area of interest listed in the [call for research papers](#).
  - Additional topics that expand broader community engagement, *e.g.*, large systems administration.
  - Innovative and emerging HPC technologies, *e.g.*, quantum computing, artificial intelligence, and machine learning are highly encouraged.
- We encourage tutorials that serve a broad audience over tutorials that focus solely on the research in a limited domain or a particular group.
- Practical tutorials are preferred to completely theoretical ones and we encourage organizers to incorporate hands-on sessions where appropriate.

**Submission & Review Process**

**Submission (The Call for Tutorials is closed)**

Beside the information within the online submission form, the following information needs to be uploaded within a single PDF file:

- Title of the tutorial
- Tutorial author information
- Abstract (200 words maximum)
- Detailed description of the tutorial content (3 pages maximum)
  - Overview and goals of the tutorial (takeaways for the audience)
  - Targeted audience
  - Detailed outline of the tutorial (with time slots)
  - Description of hands-on activities, if applicable
  - Updates from previous presentations, if applicable
  - URLs to sample slides and other material
- Logistics
  - Length of the tutorial (half-day (3.5 hours) or full-day (7 hours))
  - Percentage of content split as beginner, intermediate, advanced
  - Requirements for attendees (*e.g.*, laptop, remote server account)
  - Estimated number of attendees (with short explanation if applicable)
• Resume or CV of each presenter, including a list of recently taught courses or tutorials (2 pages maximum per presenter)
• Travel funding request, if applicable (see "Travel Support" section below)

Review

• Each tutorial will be reviewed by a minimum of 3 reviewers
• Criteria for review include originality, significance, quality and clarity

Final decision (March 18, 2020)

• Selection of tutorials (with the objective of covering the largest variety of topics)
• Allocation of the time slot
• Tutorials Committee reserves a right to assign a shepherd to some accepted submissions in order to ensure quality standards.
• Notification of authors

Terms & Conditions

• By submitting a tutorial proposal, you agree to organize and conduct the tutorial at ISC 2020 in Frankfurt, Germany.
• Tutorial presenters need to be registered ISC 2020 participants. The ISC organizers will grant a 100% discount on the tutorial pass to the tutorial presenters.
• Tutorial organizers are responsible for submitting the material to be given to attendees (slide sets, additional teaching material, software installation and usage guides for practical hands-on sessions, etc.) via the ISC 2020 submission site. The tutorial organizers agree to release these materials to the tutorial attendees.
• The ISC organizers will provide meeting room facilities and basic technical equipment for the tutorials, including internet access. Tutorial presenters will have to bring their own presentation laptops and adapters. Hands-on tutorials must be prepared to rely on laptops brought by the participants.
• Generally, ISC does not cover travel, accommodation, registration fees and such costs besides given exceptions (see “Travel Support” section below).
• Attendance will require a Tutorial Pass.

Travel Support

In general, ISC does not cover travel, accommodation, registration fees and other such costs but tutorial presenters from academia may receive travel support as follows:

<table>
<thead>
<tr>
<th>Max. Travel Funding per Person</th>
<th>Germany</th>
<th>Europe</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Day Tutorial</td>
<td>175 Euro</td>
<td>300 Euro</td>
<td>500 Euro</td>
</tr>
<tr>
<td>Half-Day Tutorial</td>
<td>150 Euro</td>
<td>250 Euro</td>
<td>400 Euro</td>
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Travel support will be granted to a maximum of two presenters from academia for half-day tutorials and four presenters from academia for full-day tutorials. Presenters holding two half-day tutorials are treated like presenters of full-day tutorials.

All requests for travel funding need to be included in the tutorial proposal.

PRESENTATION SLIDES FOR ATTENDEES

The ISC organizers will make the presentation slides available online a week after the event, provided as PDF files. ISC 2020 attendees will receive an e-mail with the access link.

ISC 2020 Tutorials Committee

- **Janine Bennett**, Sandia National Laboratories, United States of America (Chair)
- **Kevin Huck**, University of Oregon, United States of America (Deputy Chair)
- **Damian Alvarez**, Forschungszentrum Juelich GmbH, Germany
- **Katie Antypas**, Lawrence Berkeley National Laboratory, United States of America
- **Rosa M. Badia**, Barcelona Supercomputing Center, Spain
- **Pavan Balaji**, Argonne National Laboratory, United States of America
- **Jong Choi**, Oak Ridge National Laboratory, United States of America
- **Dan Ellsworth**, Colorado College, United States of America
- **Mozhgan Kabiri Chimeh**, NVIDIA, United Kingdom
- **Michael O. Lam**, James Madison University, Lawrence Livermore National Laboratory, United States of America
- **David Lecomber**, Arm, Arm Ltd, United Kingdom
- **Kelvin Li**, IBM, Canada
- **Simon McIntosh-Smith**, University of Bristol, United Kingdom
- **CJ Newburn**, NVIDIA, United States of America
- **Dhabaleswar Panda**, Ohio State University, United States of America
- **Ojas Parekh**, SNL, United States of America
- **Olga Pearce**, Lawrence Livermore National Laboratory, United States of America
- **Christian Plessl**, Paderborn University, Germany
- **Harald Servat**, Intel, Spain
- **Michela Taufer**, University of Delaware, United States of America