

CALL for Workshop

Proposals

17th IEEE/ACM International Conference on Utility and Cloud Computing (UCC 2024) www.ucc-conference.org

11th IEEE/ACM International Conference on Big Data Computing, Applications and Technologies (BDCAT 2024) www.bdcat-conference.org



16-19 DEC
2024

Sharjah, UAE

Context & Scope

The IEEE/ACM International Conference on Utility and Cloud Computing is a premier IEEE/ACM conference covering all areas related to utility computing and cloud and edge computing services.

This will be the 17th UCC in a successful conference series of community-driven events. Previous events were held in Shanghai, China (Cloud 2009), Melbourne, Australia (Cloud 2010 & UCC 2011), Chennai, India (UCC 2010), Chicago, USA (UCC 2012), Dresden, Germany (UCC 2013), London, UK (UCC 2014), Limassol, Cyprus (UCC 2015), Shanghai, China (UCC 2016), Austin, Texas, USA (UCC 2017), Zurich, Switzerland (UCC 2018), and Auckland, New Zealand (UCC 2019), Online (UCC 2020), Leicester, UK/hybrid online (UCC 2021), Vancouver, WA, USA (UCC 2022), and Taormina, Italy (2023).

Proposals for workshops should be submitted in PDF format, must not exceed 2 pages in length and contain the following information.

1. Title and brief technical description of the workshop, specifying the goals and the technical issues that will be the focus of the workshop.
2. A brief description of why and to whom the workshop is of interest.
3. A list of related workshops or similar events held in the last 3 years, or to be held in 2024.
4. The names and contact information (web page, email address) of the proposed technical program committee. This international committee should consist of at least 10 people knowledgeable about the technical issues to be addressed, with balanced background and preferably not more than two members of the same institution.
5. A description of the qualifications of the organizers (who would be the workshop chairs) with respect to organizing this workshop. This can include papers published in the proposed topic area, previous workshop organization, and other relevant information. There should be at least two organizers from distinct institutions and countries.

Submit your workshop proposal by e-mail to the chairs.

Important Dates

Workshop Proposals Due: 17 May 2024

Notification of Acceptance: 27 May 2024

URL of Workshop: 3 June 2024

Camera-ready & Registration: 20 October, 2024

Workshops: 16-19 December 2024

Note: Workshops may be approved and announced early based on quality of the proposal and track record of previous editions.

Workshop inquiries should be sent by e-mail to the workshops co-chairs

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Topics of Interest

We encourage workshops on both established research topics to promote newly developed ideas as well as workshops on emerging topics with sufficient body of research being carried out cross-cutting into utility and cloud research. Topics of interest include but are not limited to:

- Applied Cloud Technology for Scientific Computing, IoT/Cyber-Physical/Robotics, AI/ML Domains, e-Health, Smart City, Digital Twins, Earth Observation etc.
- Architectural, Programming and Deployment Models for Clouds and for the Cloud-Edge Continuum
- Artificial Intelligence in the Cloud-Edge Continuum, Edge Intelligence and Cognitive Computing Continuum
- Enablers: Serverless Computing, Advanced Containerization, Virtualization Technologies and Trusted Computing Environments
- Cloud-Edge Continuum Management: Autonomic, Adaptive, Self-*, SLAs, Performance Models, Monitoring, Sustainability and Legal/Compliance
- Cloud-Edge Continuum Middleware, Stacks, Tools, Delivery Networks and Services at All Layers (XaaS) as well as Mobile Edge Computing
- Utility-Driven Models and Mechanisms for Cloud Federations & Hybrid Clouds
- Principles and Theoretical Foundations of Utility Computing, Including Pricing and Service Models
- Scalability and Resource Management: Brokering, Scheduling, Capacity Planning, Parallelism and Elasticity
- Ultrascale Clouds, Deep Learning, LLMs, HPC and further Frontiers

Responsibilities

Workshop organizers will be responsible for the following:

- Setup the submission system of your choice.
- Invite TPC members.
- Ensure that all workshop papers are a maximum of 6 pages in length, following the main conference format. It is the responsibility of the workshop organizers to ensure that this page limit has been adhered to. Additional pages may be purchased (in some circumstances) subject to approval by the proceedings chair.

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- Produce a web site and a “Call for Papers/Participation” for their workshop. The URL should be sent to the UCC Workshops chairs. The call must make it clear that the workshop is open to all members of the Cloud, Edge, Fog, Big Data, Grid, and Cluster Computing community. It should mention that at least one author of each accepted submission must attend the workshop in person and that all workshop participants must register under the UCC 2024 workshop day registration fee or the conference fee. The CfP should make it clear that the registration of at least one author requires the full (non-student, non-workshop) rate.
- Provide a brief description of the workshop for the conference web page and program.
- Select the participants and the format of the workshop.
- Advertise the workshop beyond the conference web page.
- Assist in producing a camera-ready version of the workshop proceedings.
- The conference will take place in person and one workshop organizer should attend the conference to take care of the workshop sessions.
- The UCC 2024 Conference Organizing Committee will be responsible for the following:
 - Provide a link to the workshop's web site on the main conference site.
 - Provide logistics support and a meeting place for the workshop.
 - In conjunction with the organizers, determine the workshop date and time.
 - Provide copies of the workshop proceedings to attendees. Workshop proceedings will be published by IEEE, following the UCC conference proceedings for the current year.

Details and Important Notes

1. If the workshop is too small (i.e., it does not attract enough submissions) the UCC 2024 Organizing Committee may decide to merge that workshop with another. We encourage workshop organizers to attract a large community. In extreme situations we may also cancel workshops if there are not enough submissions.
2. Workshop organizers must ensure that suitable quality measures have been taken to ensure that the accepted papers are of high quality. All papers must be reviewed by an international Technical Program Committee with a minimum of 3 reviews per paper. The workshop organizers should also try to observe an acceptance rate that is no higher than 50%.
3. Workshops are not automatically endorsed by IEEE or ACM and should not use the names of these organizations in their titles.