

ICT4S 2018 Call For Workshops



5th International Conference on ICT for Sustainability (ICT4S)
14-18 May 2018, Toronto, Canada

The ICT4S conferences bring together leading researchers in ICT for Sustainability with government and industry representatives, including decision-makers with an interest in using ICT for sustainability, researchers focusing on ICT effects on sustainability and developers of sustainable ICT systems or applications.

We invite **workshop proposals** of traditional or unconventional formats for half-day or full-day workshops. ICT4S workshops will facilitate the exchange of new ideas in all areas related to sustainability and technology research and practice. A variety of formats can be considered, ranging from traditional research paper presentations to extremely interactive and participatory sessions. We particularly invite proposals that cover controversial viewpoints, emerging technology drivers or transformative ideas aimed at changing basic assumptions.

IMPORTANT DATES

Deadline for submissions: 15 October 2018
Notification of acceptance: 22 October 2018
Workshop days: Monday 14 May and Friday 18 May 2018

Deadlines correspond to anywhere on earth ('AoE', 'UTC-12').

WORKSHOP CHAIRS

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GUIDELINES FOR SUBMISSION

Workshop proposals should be about **3-5 pages long**, submitted as a single PDF file by **email** to both workshop co-chairs and contain the following information:

- Title
- Topics of interest (see below) and significance to the ICT4S community
- Orientation (academic and/or industrial)
- Format (e.g. regular presentations, participatory sessions) and duration (e.g. half-day, full-day)
- Organisers (short CVs, limit of two pages each, including experience in organising events)
- Activities that facilitate participants (i) get to know the state-of-the-art, controversial viewpoints or emerging technology drivers in the field of the workshop, (ii) engage in discussion, (iii) envision the open challenges of the field and transformative ideas aimed at changing basic assumptions.
- Expected numbers of participants
- Expected numbers of submissions and accepted papers (depending on the format)
- Information about previous workshop editions, including submission and registration numbers
- Tentative program committee (if needed)
- Target publication of proceedings (if any)

POTENTIAL TOPICS OF INTEREST

Conference topics include (but are not limited to) the following:

- Sustainable community building via ICT
- Grassroots movements facilitated by ICT
- Resilience by ICT
- Social sustainability implications, contributions and limitations of ICT
- Enabling and systemic effects of ICT on society and/or the environment
- Smart cities, homes and offices
- Intelligent energy management in buildings
- Smart grids
- Sustainability in data centers and high-performance computing
- Intelligent transportation and logistics
- Green networking, monitoring and adaptation of software-intensive systems and services
- ICT-induced behavioral and societal change
- Design principles for sustainable ICT
- Energy-efficient and energy-aware software engineering
- Sustainability of technical infrastructures
- Software for environmental sustainable ICT
- Software for sustainable business governance
- Reduced hardware obsolescence
- E-waste and closed material cycles
- Incentives for more sustainable ICT
- Tools supporting green decision making and development
- Challenges for an environmentally sustainable ICT industry
- Education in ICT for sustainability
- Systematic interdisciplinary efforts in ICT for sustainability