International Symposium on
Community-centric Systems 2020
September 23-26, 2020, Hachioji Tokyo, Japan

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CALL FOR PAPERS

Web: http://www.comp.sd.tmu.ac.jp/CcS2020/

Recently, the importance community-centric systems (CcS) is increasing as a new paradigm in highly aging society. The emerging synthesis ICT, and robot technology (RT) is one of the most promising approaches towards information support for the next generation in both personal and public areas. Human-centric systems (HcS) can enhance the accessibility and usability of complicated systems and devices supporting human activities, communication, and interactions. Furthermore, the HcS can improve quality of life (QOL), in particular, information support, physical care, and mental care to maintain autonomy and independency in activities of daily living. If the improvement of QOL is done by the bottom-up construction, QOC can be considered as a top-down constraint to the human daily life. Another issue is that demands in improving QOL and QOC can differ from region to region and from community to community. Novel techniques are necessary for solving the problems related to QOL and QOC. CcS 2020 invites papers on community-centric systems with particular interests in the following topics:

- Enhancement of Quality of Life and Quality of Community
- Social Communication, Social Computing, and Social Intelligence
- Decision-Making and Mutual Assistance in Community
- Social Networking Services and Mobile Technologies
- Community Creation and Community Monitoring
- Healthcare, Healthy Aging, and Healthy City
- Information, Communication, and Robot Technology
- Disaster Prevention Systems and Disaster Mitigation Systems
- Ubiquitous Computing, Ambient Intelligence, and Sensor Networks
- Analysis and Visualization of Community
- Assistive Devices and Inclusive Design
- Developmental Support Robotics
- Social Robots and Communication Robots
- Computational Systems Rehabilitation
- Multi-agent Systems and Group Behaviors
- Disaster Information Systems
- Computational Systems Care
- Group Dynamics and Evacuation Dynamics

The Banquet will be held at *Sanrio Puroland* on September 24, 2020.
http://en.puroland.jp/

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Contributed Papers: http://www.comp.sd.tmu.ac.jp/CcS2020/PaperSubmission.html
The maximum length for the manuscript is typically 6 pages in IEEE manuscript templates (https://www.ieee.org/conferences/publishing/templates.html). All presented papers will be submitted to IEEE Xplore. Selected quality paper will be recommended for CcS 2020 special issues of Journal of Advanced Computational Intelligence and Intelligent Informatics with further review.

Special Sessions: http://www.comp.sd.tmu.ac.jp/CcS2020/SpecialSessions.html
The conference features special sessions focusing on new research topics and innovative applications. Papers in these sessions undergo a regular review process as those in general sessions. A special session has to contain at least four papers. Prospective organizers are invited to contact special session chairs to propose tracks with the title of the session, its scope, list of topics, and organizer names, by March 1, 2020. Each special session may have an invited talk as well. If the organizer(s) is(are) interested in an invited talk, please contact the special session chair (Zhaojie Ju, University of Portsmouth, UK, zhaojie.ju@port.ac.uk and special session co-chairs (Takenori Obo, Tokyo Polytechnic University, Japan, t.obo@cs.t-kougei.ac.jp and Kurnianingsih, Politeknik Negeri Semarang, Indonesia kurnianingsih.k.id@ieee.org).

Access to TMU

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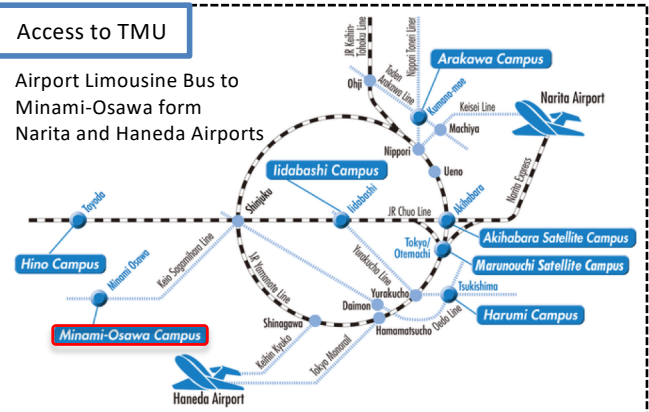
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For further information, please refer to
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Important Dates

March 1, 2020
Organized Session Proposal

April 1, 2020 **Deadline for Full paper Submission**

June 1, 2020
Notification of Acceptance

July 1, 2020
Early Bird Registration

July 15, 2020
Deadline for Final Manuscripts

23rd-25th September 2020
CcS 2020
Tokyo, Japan