CPSCom 2012

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The 2012 IEEE International Conference on

Cyber, Physical and Social Computing

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Besançon, France, November 20-23, 2012

TCSC IEEE

IEEE Computer Society

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Important Dates

Workshop Proposal Deadline:	---------------
Paper Submission Deadline:	Jul 30, 2012
Notification of Acceptance:	Sep 30, 2012
Camera-Ready Paper Due:	Oct 15, 2012

INTRODUCTION

The physical things and the human society have formed into the world we live in. However, the emergence of information technologies enables a new infrastructure for a technical, economic and social revolution, which have changed the world we are used to. Cyber-physical systems couple the cyber aspects of computing and communications with the physical aspects of dynamics that must abide by the laws of physics. Social computing has become more widely known because of proliferation of online social networking in recent years. With the advent of ubiquitous sensing, future social networks will become cyber-physical, combining measured elements of the physical world. The convergence of computational and physical processes as well as human's social behaviors exhibits a variety of complicated characteristics, which leads to a lot of challenges.

The 2012 IEEE International Conference on Cyber, Physical, and Social Computing (CPSCom 2012) will provide a high-profile, leading-edge forum for researchers, engineers, and practitioners to present state-of-art advances and innovations in theoretical foundations, systems, infrastructure, tools, testbeds, and applications for the CPSCom, as well as to identify emerging research topics and define the future. CPSCom 2012 is the 5th edition of the successful series, previously held as CPSCom 2011 (Dalian, China, October 2011), CPSCom 2010 (Hangzhou, China, December 2010), CyberSocialCom 2009 (Hangzhou, China, November 2009), and CPSC 2009 (Brisbane, Australia, July 2009).

Topics of interest include, but are not limited to:

Track 1: Cyber-physical systems and society
Track 2: Social computing
Track 3: Pervasive/ubiquitous computing
Track 4: Sensor/actuator networks
Track 5: Security, privacy, and trust
Track 6: Applications and services

SUBMISSION GUIDELINES

Authors are invited to submit original papers that MUST NOT have been submitted to or published in any other workshop, conference, or journal. Full Papers (up to 8 pages) and Short Papers (up to 4 pages) are solicited. Detailed submission instructions could be found on the conference website http://cpscom.univ-fcomte.fr/. All papers will be reviewed by the Program Committee for significance, originality, accuracy, and clarity.

PAPER PUBLICATIONS

Each submission should be regarded as an undertaking that, if the paper is accepted, at least one of the authors must attend the conference to present the work in order for the paper to be included in the IEEE Digital Library. Accepted papers will be published in the proceedings of CPSCom 2012 by IEEE Computer Society (EI indexed). Extended versions of selected papers will be considered for publication in several SCI-index international journals (check the website for details).

WORKSHOP PROPOSAL

Please submit a workshop proposal including call-for-papers, organizing committee, important dates, short bio of the organizers to the CPSCom'12 workshop chairs. Workshop proceedings will be published by IEEE CS Press. The workshops with more than 15 papers will be granted with a free complimentary registration for the leading workshop organizer.