

## CFP: Special Track on Management of Cloud Services and Infrastructure

in conjunction with the  
12th IEEE/IFIP International Symposium on Integrated Network Management (IM 2011)  
Dublin, Ireland 23 - 27 May 2011

<http://www.ieee-im.org/>

The special tracks call is a new initiative launched in IM 2011 aiming to attract contributions in specific targeted areas of high interest to the community. The Special Track on The Management of Cloud Services and Infrastructure is one of the two initiatives launched this year.

Cloud computing and virtual networking are currently hot topics and have been generating substantial interest in the community and it is anticipated that this interest will expand. It is also important to the management community as it is challenging traditional management methods by its sheer size and high level of automation. Clouds must provide appropriate levels of performance to large groups of diverse users, and those clouds are accessed through virtualized wide area networks. Management systems are essential for that and thereby for the future success of the cloud paradigm. New systems, methods, and approaches for cloud and virtualization management from an IT as well as a networking perspective are to be discussed at this workshop.

For the Special Track on Management of Cloud Services and Infrastructure, researchers from the various Cloud Management and Virtual Network communities are encouraged to submit and present original work to be considered for publication.

Overall topics of interest include but are not limited to:

- Performance evaluation & modeling
- Cloud computing environments
- Cloud service orchestration
- Cloud APIs and usage control
- Cloud data management
- Cloud scalable monitoring
- Cloud load balancing
- Customer cloud management
- Managing data centers
- Management as a service
- Management of virtual slices
- Management of services on smartphones
- Accounting and economic models for Clouds
- Managing cloud services, or the Internet of services
- Management of virtualized hardware resources
- Network-specific mechanisms for optimized cloud access
- Energy management, green computing, green communication
- Management tools for infrastructure virtualization
- Integration of the wireless and optical
- Policy driven service/resource life-cycle management
- Security issues with virtualized infrastructure
- IaaS, PaaS, SaaS, NaaS management
- Applications and services enabled by virtualized infrastructure

**Paper Submission:** We invite authors to submit original contributions, written in English. Please note, that only original papers that have not been published or submitted for publication elsewhere can be submitted. In addition, papers that do not conform to the requested format, multiple submissions, and self-plagiarized papers will be rejected without further review process. Details and links to templates will be available on the conference web site at <http://www.ieee-im.org/authors.html>.

- Electronic submission only (via submission server) – [https://jems.sbc.org.br/im2011\\_stmcsi](https://jems.sbc.org.br/im2011_stmcsi).
- Submission requires the willingness of at least one of the authors to register and present the paper.
- All selected papers for this workshop are peer-reviewed and will be published with IEEE Xplore.
- Selected (extended) papers will be invited to a journal special issue.

**Deadlines:** Full Paper Submission: 31st December 2010 (midnight GMT) (**EXTENDED**)  
Acceptance Notification: 30th January 2011 (midnight GMT)  
Camera-Ready Manuscripts Due: 15th February 2011 (midnight GMT)

### Organizing Committee – Special Track Co-Chairs

- Bruno Schulze – LNCC, BR
- Peer Hasselmeyer – NECLAB, DE
- Omar Cherkaoui – UQAM, CA