INTERNATIONAL WORKSHOP ON TECHNOLOGIES & APPLICATIONS FOR SMART CITIES (I-TASC 2012)
PARIS, FRANCE, 12 – 14 SEPTEMBER 2012

About the Workshop

Sensor-enabled smart objects including the smart-mobile devices are proving to be the elements of the future networked -infrastructure. A new wave of services is bound to evolve from such smart infrastructure and smart devices that will influence all aspects of our social eco-system. The range of applications would encompass several essential service verticals such as energy, Sanitation, Health Care, Transport, Farming, Governance, Automation, Manufacturing etc. Applications and technologies that can enable services around these capabilities require to be developed. Internet of Things (IoT) provides for intelligent Machine-to-Machine (M2M) and Machine-to-User (M2U) communication and enables provision of the essential services. A set of such services and the intelligent infrastructure form the basis of what has come to be called as Smart Cities.

Communications technologies, Energy-efficient, Green and low-carbon technologies are primary enablers of Smart Cities. Applications and services built on these enabling technologies are essential for the *Smart-City Experience*.

The International Workshop on Technologies and Applications for Smart-Cities (I-TASC) will be co-hosted with the 6th edition of NGMAST. It intends to facilitate a inter-disciplinary ambience for researchers, developers and industry to discuss the Smart-City drivers with issues that concern the Smart Technologies, its Management, Security concerns and Service creation to realise *Smart City Experience*.

The workshop will comprise of invited talks and paper presentations followed by a panel discussion of eminent contributors from this emerging field. The proceedings of the workshop will be published by IEEE CPS, IEEE Xplore and IEEE Computer Society digital libraries (CSDL) and indexed through IEE INSPEC, EI (Compendex), Thomson ISI, and other indexing services.

A list of topics for paper submissions to this workshop are mentioned below. Authors are encouraged to submit position papers, surveys, experiments & results and deployments. Papers should be in IEEE format may be submitted via the EDAS by 10th May 2012 to I-TASC 2012.

Communication Technologies for Smart City and Future Internet

- Communication Systems, Architectures and Management for IoT
- IPv6 and IoT
- Mobile Telecommunications and IoT
- Design of sustainable green technologies
- Experiences with Open source Platforms and hardware within IoT
- Novel concepts such as Crowd-sourcing
- Techniques in smart and efficient processing of "the Ocean of data" produced by IoT
- Technologies to facilitate smart and secure communication including trust and privacy

Sustainable Technologies for Smart Cities

- Energy-efficient Technolgies – Smart Grid etc.
- Low-Carbon Technologies – Carbon Capture etc.
- Green Technologies – Waste to Energy, Solar, Wind etc.

Futuristic Applications and Services for Smart City and Future Internet

- Applications for Health-Care
- Applications for Energy-efficient and sustainable living
- Applications for Smart-education
- Applications for Smart-Transportation
- Applications related to urbanization
- Applications for automation and manufacturing

Important Dates

Abstract Registration:	10th May 2012
Manuscript Submission:	15th May 2012
Acceptance/Rejection Notification:	31st May 2012
Camera-Ready Due:	15th June 2012

Program Chairs

Prof. Khalid Al-Begain
Dr. Chitra Balakrishna

Workshop Chairs

Dr. Chitra Balakrishna
Dr.Bharat K V Penumathsa
Gopi Krishna S Garge

For further information, please visit **http://www.ngmast.com/** or send email to **cbalakri@glam.ac.uk**