TOPICS OF INTEREST

Authors are invited to submit papers that fall into or are related to the topic areas that are listed below. In addition, we invite submissions of proposals for demonstrations, exhibits, technical panels, tutorials, workshops, and experience session papers.

**Network Management**
- Software Defined Networks (SDN)
- Smart Cities, Smart Grids
- Internet of Things (IoT)
- Future Internet
- Content Distribution Networks (P2P, CDN, ICN)
- Virtual and Overlay Networks
- Data Centers, Storage Area Networks
- Cyber-Physical Systems
- Wireless and Mobile Networks (Ad-Hoc, Mesh, Sensor, Vehicular)
- Smart Devices and Home Networks
- Broadband Access Networks
- Cognitive Radio Networks
- IP/MPLS Networks
- Optical Networks
- Heterogeneous Networks

**Service Management**
- Cloud Services (IaaS, PaaS, SaaS)
- IT Service Management
- Multimedia and Data Services
- Service Discovery, Migration and Orchestration
- Resource Provisioning and Management

**QoE-Centric Management**
- Hosting, Virtualized Infrastructures
- OTT Service Management
- Management as a Service

**Business Management**
- Legal and Ethical Issues
- Process Management

**Functional Areas**
- Deployment
- Fault Management
- Diagnostics, Tracing, Troubleshooting
- Configuration Management
- Accounting and Billing Management
- Performance Management
- Service Level Management
- Security Management, IDS, IPS

**Management Approaches**
- Centralized Management
- Distributed Management
- Autonomic and Self-Management
- Policy-Based Management
- Federated Management
- Pro-Active Management
- Energy-Aware Management
- Management Architectures

**Technologies**
- Network Programmability
- Cloud Computing
- Network Function Virtualization (NFV) and Service Chaining
- (Big) Data, Information and Semantic Modeling
- Protocols and Languages
- Message and Software Buses
- Middleware, Grids, Mobile Agents
- Social Networking
- Human-Machine Interactions
- Operations and Business Support Systems (OSS/BSS)

**Methods**
- (Big) Data Analytics and Data Mining
- Control Theories
- Optimization Theories
- Economic Theories
- Machine Learning and Genetic Algorithms
- Probabilistic, Stochastic Processes, and Queuing Theories
- Design and Simulation
- Experimental Studies
- Visualization

**IMPORTANT DATES**
- Paper Submission (Extended) **September 30th, 2014**
- Notification of Acceptance **November 30th, 2014**
- Camera Ready Papers **February 1st, 2015**

**GENERAL CO-CHAIRS**
- Raouf Boutaba
  - University of Waterloo, Canada
- Wahab Almuhtadi
  - Algonquin College, Canada

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