

**Call for papers for
Communication Software, Services, and Multimedia Applications Symposium
(CSSMA)**

Symposium Track Co-Chairs

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Submissions must be done through EDAS at: <https://edas.info/newPaper.php?c=22633&track=81047>
The paper submission deadline is October 14, 2016.

Scope and Motivation

The Communication Software, Services, and Multimedia Applications (CSSMA) Symposium will provide a platform to present state-of-the-art research work on challenging issues related to software design, deployment, delivering, and management of services and multimedia applications.

It will provide an opportunity for face-to-face discussions and information sharing among experts from both academia and industry.

Main Topics of Interest

The Communications Software, Services, and Multimedia Application Symposium covers challenges and advances for service delivery, management, and multimedia applications in fixed and mobile communication networks. The Symposium solicits original contributions in, but not limited to, the following topical areas:

- **Quality in services and multimedia applications**
 - Quality of Experience (QoE) modelling and metrics
 - Adoption of QoE metrics and models for assessment, control and management of multimedia services
 - Strategies of End-to-End QoE management
 - Quality-oriented routing algorithms
 - Video quality assessment and impairment concealment
 - Performance studies of digital media ecosystem
 - High quality service provisioning for multimedia applications
- **Multimedia systems and services**
 - Multimedia cloud services
 - Multimedia streaming, multicast and broadcast services
 - Web Services and distributed SW technology
 - IMS and multimedia services o Home and entertainment digital media ecosystem
 - IPTV service and home networking
 - Triple and Quadruple play services
 - P2P and P2P-SIP services
 - Distributed systems and applications, including Grid Services
- **Architecture for next generation services**
 - Architectures for digital media ecosystem: from producer to consumer
 - Software defined networking and network functions virtualization
 - Architecture of content generation and adaptation
 - Internet digital media ecosystem
 - Scalable and network-aware digital media solutions
 - Crowdsourcing services and platforms

- Social networking services and platforms
- Home network services and platforms
- Everything-as-a-Service model and delivery platforms
- Scalable video delivery
- Cooperative networking for streaming media content
- Service overlay networks
- Convergence of communication and global services
- Communications software in vehicular communications
- Architectures for cooperative communications and ubiquitous computing

■ Service management

- Security and privacy in network and service management
- Scalability and reliability issues
- Charging, pricing, business models
- Context awareness and personalization
- Next generation services and emerging threats
- Cross-layer optimization for multimedia service support

Biographies

Maria Martini is Professor in the Faculty of Science, Engineering and Computing in Kingston University, London, where she also leads the Wireless Multimedia Networking Research Group and she is Course Director for the MSc in "Networking and Data Communications". She received the Laurea in electronic engineering (summa cum laude) from the University of Perugia (Italy) in 1998 and the Ph.D. in Electronics and Computer Science from the University of Bologna (Italy) in 2002. She is a Fellow of The Higher Education Academy (HEA). She has led the KU team in a number of national and international research projects, funded by the European Commission (e.g., OPTIMIX, CONCERTO, QoE-NET, Qualinet), UK research councils, UK Technology Strategy Board / InnovateUK, and international industries.

An IEEE Senior Member and Associate Editor for IEEE Transactions on Multimedia (2014-2016), she has also been lead guest editor for the IEEE JSAC special issue on "QoE-aware wireless multimedia systems" (2012) and guest editor for the IEEE Journal of Biomedical and Health Informatics and the Int. Journal on Telemedicine and Applications among others. She was general chair of the ICST/ACM MOBIMEDIA 2009 conference and of EUMOB 2008. She has co-organised the first, second, and third IEEE international workshop on Service Science for e-Health (SSH 2013, 2014, and 2015), the IEEE Hot3D workshop 2015, the first workshop on Wireless Solutions for Healthcare Applications (2014), the IEEE Workshop on Streaming and Media Communications (ICME 2011) and the First International Workshop on Cross-Layer Operation Aided Multimedia Streaming (IEEE VTC 2011). She coordinated (2008-2010) the edition of the Strategic Applications Agenda (SAA) on mobile health and inclusion applications in the eMobility European Technology Platform. She is part of international committees and expert groups, including the Networld2020 (formerly Net!Works) European Technology Platform expert group and the IEEE Multimedia Communications technical committee, where she has served as vice-chair (2014-2016) and as chair (2012-2014) of the 3D Rendering, Processing, and Communications Interest Group and key member of the QoE and multimedia streaming IG.

Her research interests include wireless multimedia networks, quality of experience evaluation and management, cross-layer design, joint source and channel coding, 2D/3D error resilient video, 2D/3D video quality assessment, and medical applications. She is the author of over 100 international scientific articles and book chapters, and the inventor of several patents on wireless video.

SAID HOCEINI is an associate professor at University of Paris-Est Créteil VdM (UPEC), Networks and & Telecommunications (N&T) Department and LiSSi-TincNet Laboratory, IUT Creteil/Vitry, France. He graduated in computer network engineering from the University Houari Boumediene, Algeria, and the D.E.A diploma from University of Versailles Saint Quentin en Yvelines. He received his PhD degree in computer networks from UPEC. His research focuses on routing algorithms, Quality of Service, Quality of Experience, and wireless sensor networks, as well as bio-inspired artificial intelligence approaches. His work has been published in several international conferences and journals (ICC, GLOBECOM, Computer Communications, IEEE Communications Letters, ETT). Dr. Hoceini served as a Technical Program Committee (TPC) member for international conferences (SaCoNet, WWIC, GlobeCom, ICC).

Abdallah Shami is a Professor and the Associate-Chair for graduate studies at ECE department of Western University. He is the Director of the Optimized Computing and Communications Laboratory at Western. His research interest are in the areas of intelligent distributed systems, network virtualization, computer and wireless systems, and network-based cloud computing. Dr. Shami has received many awards including IEEE best paper awards, Samsung research award, and many others. He is currently an Associate Editor for IEEE Communications Tutorials and Survey, IET Communications Journal and Wiley Journal of Wireless Communications and Mobile Computing. He has chaired key symposia for IEEE GLOBECOM, IEEE ICC, IEEE ICNC, and ICCIT. Dr. Shami is an IEEE Distinguished Lecturer and Senior Member of IEEE and was the elected Chair of the IEEE Communications Society Technical Committee on Communications Software.