

NGNS'10

PROGRAM

**International Conference on Next
Generation Networks & Services
NGNS 2010**



Marrakesh, Morocco, July 08 - 10, 2010

NGNS'10 CONFERENCE PROCEEDINGS

The NGNS 2010 conference proceedings will be provided to all registrants in CD-ROM format. The list of accepted papers are also available on the e-ngn Web page:

<http://www.e-ngn.org/ngns10>

A paper version of the NGNS 2010 proceedings is also available. To obtain copies of the printed or CD-ROM versions of the proceedings:

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Welcome to the second edition of the International Conference on Next Generation Networks and Services (NGNS'10, www.e-ngn.org/ngns10). Next generation networks (NGNs) are nowadays one of the main topics of research and development in the networking arena. The migration towards Next Generation Networks will bring about major changes to network architectures and services: new protocols, new architectures, etc. NGNs will have a high impact on the future of computing and communications as networks converge and this will allow the deployment of more advanced services.

After the success of the first edition NGNS'09 (www.e-ngn.org/ngns09), NGNS'10 comes to confirm the interest that NGNs enjoy from the research community as well as from the industrial and economic sectors. NGNS'10 has as main objective to report on the state-of-the-art research on next generation networks and services. NGNS'10 is a forum for researchers-and practitioners working on the field to share their research results, knowledge and experience and a great opportunity for them to develop fruitful partnerships.

NGNS'10 is organized by the e-NGN research group (www.e-ngn.org) in cooperation with the Faculty of Sciences and Techniques (FST), Settat - Morocco (www.fsts.ac.ma). The conference covers a broad spectrum of topics, including Mobile, Ubiquitous and Pervasive Computing and Communications, QoS and Performance Evaluations and Web Based Systems, Technologies and Social issues.

More than 120 abstracts and papers were submitted to NGNS'10. After a strict review process, 27 full and 13 short papers have been accepted for presentation in the conference. A selected number of full papers will be published in the following international journals: International Journal of Mobile Computing and Multimedia Communication (IJMCMC) and IEEE Transactions on Learning Technologies (TLT).

Three distinguished keynote speakers have been invited to deliver lectures on relevant issues of Mobile Multimedia in Next Generation Networks, Reconfiguration Models for Adaptive and Ubiquitous Communication in Layered Services as well as on Dependability, Security and Survivability Models.

We would like to thank the authors for their valuable contributions and the general chairs, track chairs, program committee chairs, organizing committee chairs and the reviewers for their efforts and for the time they spent on the review process of the papers. Our most sincere thanks go to the keynote speakers Dr. Ismail Khalil (Johanes Kepler University Linz, Austria), Dr. Khalil Drira (French National Center for Scientific Research (CNRS)) and Dr. Kishor S. Trivedi (Duke University, Durham, NC) for sharing with us their expertise and knowledge.

Special thanks to Professors Abdelali Ider and Abderraouf Hilali, Dean and Vice-Dean of Pedagogy of the FST - Settat - Morocco, and to Professor Radouane Mrabet Director of the National Higher School of Computer Science and Systems Analysis (ENSIAS) - Rabat - Morocco, for their help and support.

We are also grateful to all our partners, namely the IEEE Education and Communications Societies, Hassan I University - Morocco, the National School of Commerce and Management (ENCG) - Settat - Morocco, the National School of Applied Sciences (ENSA), Khouribga - Morocco, Faculty of Sciences - Ain Chock -Casablanca - Morocco, Mohammed V Souissi University, Rabat - Morocco, Algarve University - Portugal, Motorola Morocco, the International Association of Online Engineering (IAOE), the Euro American Association on Telematics and Information Systems (EATIS.org) for their support.

We would also like to express our gratitude to all the members of the Organizing Committee for their efforts before and during the conference.

We look forward to meeting you all in the next NGNS 2011 conference.

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AGENDA**THURSDAY July 08, 2003**

REGISTRATION
8:00am - 9:00am.

OPENING SESSION
9:00am - 9:30am.

KEYNOTE
9:30am - 10:30am.

Dr. Ismail Khalil, Johannes Kepler University Linz, Austria
Mobile Multimedia in the Next Generation Networks

Coffee BREAK

FULL PAPERS SESSION
11:00am - 12:40am

Mobile, Ubiquitous and Pervasive Computing and communications

FULL PAPERS SESSION
12:40am - 1:55pm

QoS and performance evaluations

Lunch

FULL PAPERS SESSION
3:20pm - 5:00pm

Mobile, Ubiquitous and Pervasive Computing and communications

Coffee BREAK

FULL PAPERS SESSION
5:20pm - 6:35pm

Web Based systems, technologies and Society

AT A GLANCE**FRIDAY July 09, 2010**

REGISTRATION
8:00am - 9:00am.

KEYNOTE
9:00am - 10:00am.
Dr. Khalil Drira, French National Center for Scientific Research (CNRS)

Reconfiguration models for adaptive and ubiquitous communication in layered services

Coffee BREAK

FULL PAPERS SESSION
10:20am - 11:35am

Mobile, Ubiquitous and Pervasive Computing and communications

SHORT PAPERS SESSION
11:35am - 12:35am

QoS and performance evaluations

SHORT PAPERS SESSION
12:35am - 1:35pm

Web Based systems, technologies and Society

Lunch

Ourika Visit
(Departure from the hotel at : 3:00pm)

Gala Dinner
(Departure from the hotel at : 8:30pm)

Saturday July 10, 2010

KEYNOTE
9:00am - 10:00am.
Dr. Kishor S. Trivedi, Duke University, Durham, NC

Dependability, Security and Survivability Models

Coffee BREAK

FULL PAPERS SESSION
10:20am - 11:35am

Web Based systems, technologies and Society

FULL PAPERS SESSION
11:35am - 12:50am

QoS and performance evaluations

SHORT PAPERS SESSION
12:50am - 2:05pm

Mobile, Ubiquitous and Pervasive Computing and communications

Lunch

FULL PAPERS SESSION
3:10pm - 4:50pm
Mobile, Ubiquitous and Pervasive Computing and communications

NGNS'10 Closing Session
5:00pm - 6:30pm

08:00am – 09:00am

REGISTRATION

09:00am – 09:30am

OPENNING SESSION

09:30am – 10:20am

CHAIR : Dr. Radouane Mirabet, ENSIAS, Morocco

KEYNOTE

Dr. Ismail Khalil, Johannes Kepler University Linz, Austria
Mobile Multimedia in the Next Generation Networks

Coffee BREAK

10:50am – 12:30am

FULL PAPERS SESSION

Mobile, Ubiquitous and Pervasive Computing and communications

CHAIR : Dr. Mohammed Elkoutbi, ENSIAS, Morocco

TITLE	AUTHOR
156 - An energy-efficient algorithm for reporting events over Wireless Sensor Networks with mobile sinks	Hajar Mousannif
162 - An Optimized DV-Hop Localization Algorithm for Wireless Sensor Networks	Abderrahim Beni Hssane
107 - Optimal and Efficient Sensing Area for Wireless Sensor Networks	Brahim Elbhiri
163 - Improvement of Leach-E Protocol for Wireless Sensor Networks	Moulay Lahcen Hasnaoui

12:30am – 1:45pm

FULL PAPERS SESSION

QoS and performance evaluations

CHAIR : Dr. Luis Orozco Barbosa, Univ. Albacete, Spain

TITLE	AUTHOR
127 - Comparison of two Queue management mechanisms for heterogeneous flow in a 3.5G network	Mohamed Hanani
160 - Towards a QoS Aware Routing protocol For MANETs	Ouidi Kamal
147 - A Game Theory Model of the 2C-WSN MAC Protocol	Abdelillah Karouit

1:45pm – 3:00pm

LUNCH

3:00pm – 4:40pm

FULL PAPERS SESSION

Mobile, Ubiquitous and Pervasive Computing and communications

CHAIR : Dr. Ahlame Begdouri, IEEE, FSTF, E-NGN, Morocco

TITLE	AUTHOR
157 - A New Printed Antenna for Multiband Applications in the 3G Mobile System	M. BEN AHMED
89 - Incidences of the Improvement of the MAC-Transport and MAC-Routing Interactions on MANET Performance	Sofiane HAMRIOUI
104 - Protocole MAC pour la Communication entre un Réseau de Capteurs sans Fil et un Satellite LEO	Samra Boulfekhar
136 - SIPTalk: A Platform for Telecommunication Services	Tajjeeddine Rachidi

Coffee BREAK

5:00pm – 18:15pm

FULL PAPERS SESSION

Web Based systems, technologies and Society

CHAIR : Dr. Christophe Gravier, Telecom Saint Etienne, France

TITLE	AUTHOR
141 - Publish-Subscribe over Social Networks	Giuseppe Ciacco
154 - An Agent-based Market Place for Freight Management	Mounia Nyami El Idrissi
105 - Approche proactive pour l'auto adaptation contextuelle dans les environnements ambiants	Gouttaya Nesrine

08:00am – 09:00am

REGISTRATION

09:00am – 10:00am

CHAIR : Dr. Russ Meier, IEEE, EECs, Milwaukee School of Engineering, USA

KEYNOTE

Dr. Khalil Drira, French National Center for Scientific Research (CNRS)
Reconfiguration models for adaptive and ubiquitous communication in layered services

Coffee BREAK

10:20am – 11:35am

FULL PAPERS SESSION

Mobile, Ubiquitous and Pervasive Computing and communications

CHAIR : Dr. Bilami Azeddine, Univ. Batna, Algeria

TITLE	AUTHOR
103 - FlexRFID in the Supply Chain: Strategic Values and Challenges	Mehdia AJANA EL KHADDAR
142 - 4G: RF dimensioning and Planning Methodology: Application for LTE-A	mohammed jaloun
161 - Etude et Simulation des méthodes de localisation d'un Abonné dans Réseau Mobile GSM/UMTS	Adnane Latif

11:35am – 12:35am

SHORT PAPERS SESSION

QoS and performance evaluations

CHAIR : Dr. Boulmalf Mohammed, Al Akhawayne University, Morocco

TITLE	AUTHOR
98 - Enhanced MPLS-TE for Multimedia Based on Forwarding Equivalence Class	Jamali Abdellah
158 - Quality of Service and Energy Consumption in UWB and ZigBee Standards applied to Wireless Multimedia Sensor Networks	A. A. BOUDHIR
88 - Can we streamline applications with Quality of Service in Next Generation Networks ?	Yves-Gaël Billet
146 - Performance Evaluation of Transport Control Protocol over Multi Hop Wireless Sensor Network	Amine Omor

12:35am – 1:35pm

SHORT PAPERS SESSION

Web Based systems, technologies and Society

CHAIR : Dr. Manuel Castro, IEEC-UNED, Spain

TITLE	AUTHOR
114 - Système de Recommandations pour améliorer le service de recherche d'information Application sur la plate forme E-Learning : Moodle	Hicham Moutachauik
155 - Vers un système de recherche d'information intelligent à base de comportement humain: cas de ressources pédagogiques	Mohamed Neji
159 - Web Users' Session Clustering Using Hierarchical Clustering Algorithm and Principal component analysis	Bouchra Frikh
115 - prétraitement avancé des fichiers logs: pour une plate forme d'enseignement à distance	Nawal Sael

1:35pm

LUNCH

3:00pm

Ourika Visit

8:30pm

Gala Dinner

09:00am – 10:00am**CHAIR** : Dr. Saliyah-Hassane Hamadou, IEEE, UQAM, E-NGN, Canada**KEYNOTE****Dr. Kishor S. Trivedi**, Duke University, Durham, NC**Dependability, Security and Survivability Models**

Coffee BREAK

10:20am – 11:35am**FULL PAPERS SESSION****Web Based systems, technologies and Society****CHAIR** : Dr. Anas About El Kalam, IRIT, ENSEEIHT, France

TITLE	AUTHOR
125 - Architecture Web Service d'un processus d'ECD multiutilisateur	EL Moukhtar Zemmouri
121 - Système ubiquitaire pour des visites supervisées dans un centre hospitalier	Mesrar Aissam
150 - Une nouvelle approche linguistique a base d'agents pour l'analyse automatique des sentiments	Zied KECHAOU

11:35am – 12:50am**FULL PAPERS SESSION****QoS and performance evaluations****CHAIR** : Dr.Hamid Harroud, Al Akhawayne University, Morocco

TITLE	AUTHOR
95 - A secure Architecture for SIP in the IMS context	Anas About El Kalam
110 - QoS Management in IMS: Diameter-DiffServ	Brahim Roayane
149 - Modélisation par Ontologie de la Communication dans le Test Distribué	My EL Hassan CHARAF

12:50am – 14:05am**SHORT PAPERS SESSION****Mobile, Ubiquitous and Pervasive Computing and communications****CHAIR** : Dr. Khalil Drira, French National Center for Scientific Research (CNRS)

TITLE	AUTHOR
90 - Support for Mobile, Ubiquitous and Pervasive Learning Applications in the Future Internet	Manuel Castro
132 - Model-based Vs Memory –based service selection and recommendation	Younes EL BOUZEKRI EL IDRISSE
137 - Delivery of Multimedia Commercials in a SIP Network: an Initial Simulation of Resources	Tajjeeddine Rachidi
86 - Large Networks MPLS-VPN Convergence	Abdelali Ali
116 - Mécanisme de Contrôle d'Authentification pour la Sécurité dans les RCSF	Samir Athmani

14:05pm – 3:10pm**LUNCH****3:10pm – 4:50pm****FULL PAPERS SESSION****Mobile, Ubiquitous and Pervasive Computing and communications****CHAIR** : Dr. Driss Elouadghiri, Univ. My Ismail, E-NGN, Morocco

TITLE	AUTHOR
111 - Toward an Adaptation System of learning content to learner's current context	Anal El Hamdaoui
153 - Achieving a Learner User Profile for Mobile Environments	Mariam Ouanaïm
144 - L'optimisation du nombre des symboles pilotes d'un estimateur LS du canal à trajets	My Abdelkader YOUSSEFI
106 - Schéma pour la Gestion des Ressources Radio dans un Réseau Sans Fil Hétérogène	Samir Gourdaché

4:50pm – 6:30pm**NGNS'10 Closing Session**

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