

## NETYS'2014 Final PROGRAM

Thursday May 15	
13:00 – 14:00	<b>Registration (near the conference room)</b>
14:00 – 14:30	<b>Opening Session</b>
14:30 – 15:30	<b>Keynote talk I – <i>Communication without Repudiation : The Unanswered Question</i></b> , Prof. M. G. Gouda, University of Texas at Austin, Austin, Texas, USA
15:30 - 17:00	<b>Session 1: Distributed Algorithms (I)</b> <b>Chair: Antonio Fernandez</b>
17:00 – 17:30	<b>Coffee Break</b>
17:30 – 19:00	<b>Session 2: Performance and Resources Allocation</b> <b>Chair: Mohamed Gouda</b>
Friday May 16	
09:00 - 10:00	<b>Keynote talk II – <i>Research challenges in data-intensive cloud computing</i></b> , Prof. Seif Haridi, KTH Royal Institute of Technology, Sweden
10:00 – 11:00	<b>Session 3: Security</b> <b>Chair: Hugues Fauconnier</b>
11:00 - 11:30	<b>Coffee Break</b>
11:30 - 13:00	<b>Session 4: Distributed and Replicated Systems</b> <b>Chair: Carole Delporte</b>
13:00 - 15:00	<b>Lunch</b>
15:00 - 16:30	<b>Session 5: Wireless Networks</b> <b>Chair: Anne-Marie Kermarrec</b>
16:30 – 17:00	<b>Coffee Break</b>
17:00 – 19:00	<b>Session 6: Short papers</b> <b>Chair: Rachid Guerraoui</b>
20:30	<b>Gala Diner</b>
Saturday May 17	
09:00 - 10:30	<b>Session 7: Distributed Algorithms (II)</b> <b>Chair: Seif Haridi</b>
10:30 - 11:00	<b>Coffee Break</b>
11:00 – 12:30	<b>Session 8: Quality of Service</b> <b>Chair: Gregor Bochmann</b>
12:30 - 13:00	<b>Closing Session</b>
13:00 - 14:00	<b>Lunch</b>
<b>Social Event (Guided Tour of Marrakech)</b>	

## NETYS'2014 Detailed Final PROGRAM

<b>Thursday May 15</b>	
13:00 – 14:00	<b>Registration</b>
14:00 – 14:30	<b>Opening Session</b>
14:30 – 15:30	<b>Keynote talk I – <i>Communication without Repudiation: The Unanswered Question</i></b> , Prof. M. G. Gouda, University of Texas at Austin, Austin, Texas, USA
<b>15:30 - 17:00</b>	<b>Session 1: Distributed Algorithms (I)</b> <b>Chair: Antonio Fernandez</b>
	<ul style="list-style-type: none"> <li>-- Blanchard Peva, Shlomi Dolev, Joffroy Beauquier and Sylvie Delaët. Practically Self-Stabilizing Paxos Replicated State-Machine</li> <li>-- Carole Delporte-Gallet, Hugues Fauconnier and Hung Tran-The. Leader Election in Rings with Homonyms</li> <li>-- Lewis Tseng and Nitin Vaidya. Iterative Approximate Consensus in the presence of Byzantine Link Failures</li> </ul>
17:00 – 17:30	<b>Coffee Break</b>
<b>17:30 – 19:00</b>	<b>Session 2: Performance and Resources Allocation</b> <b>Chair: Mohamed Gouda</b>
	<ul style="list-style-type: none"> <li>-- Afef Mdhaffar, Riadh Ben Halima, Mohamed Jmaiel and Bernd Freisleben. CEP4CMA: Multi-layer Cloud Performance Monitoring and Analysis via Complex Event Processing</li> <li>--Agustin Santos, Antonio Fernandez Anta, Jose Cuesta and Luis Lopez Fernandez. Fair Linking Mechanisms for Resource Allocation with Correlated Player Types</li> <li>-- Sondess Missaoui and Rim Faiz. A New Preference Based Model for Relevant Dimension Identification in Contextual Mobile Search</li> </ul>

## Friday May 16

09:00 - 10:00	<b>Keynote talk II – Research challenges in data-intensive cloud computing,</b> Prof. Seif Haridi, KTH Royal Institute of Technology, Sweden
10:00 – 11:00	<p><b>Session 3: Security</b> <b>Chair: Hugues Fauconnier</b></p> <p>-- Ehab Elmallah and Mohamed Gouda. Hardness of Firewall Analysis</p> <p>-- Antoine Boutet, Davide Frey, Rachid Guerraoui, Arnaud Jégou and Anne-Marie Kermarrec. Privacy-Preserving Distributed Collaborative Filtering</p>
11:00 - 11:30	<b>Coffee Break</b>
11:30 - 13:00	<p><b>Session 4: Distributed and Replicated Systems</b> <b>Chair: Carole Delporte</b></p> <p>-- Khaled Ben Hafaiedh, Gregor Von Bochmann, Guy-Vincent Jourdan and Iosif Viorel Onut. A Scalable P2P RIA Crawling System with Partial Knowledge</p> <p>-- Seyed Mirtaheri, Gregor Bochmann, Guy-Vincent Jourdan and Iosif Viorel Onut. GDist-RIA Crawler: A Greedy Distributed Crawler for Rich Internet Applications</p> <p>-- Leonardo Aniello, Silvia Bonomi, Federico Lombardi, Alessandro Zelli and Roberto Baldoni. An Architecture for Automatic Scaling of Replicated Services</p>
13:00 - 15:00	<b>Lunch</b>
15:00 - 16:30	<p><b>Session 5: Wireless Networks</b> <b>Chair: Anne-Marie Kermarrec</b></p> <p>-- Abdelali Boushaba, Adil Benabbou, Rachid Benabbou, Azeddine Zahi and Mohammed Oumsis. Intelligent Multipath Optimized Link State Routing Protocol for QoS and QoE enhancement of Video Transmission in MANETs</p> <p>-- Mohammed Gabli, El Miloud Jaara and El Bekkaye Mermri. UMTS Base-station Location problem for Uplink direction using Genetic Algorithms and Fuzzy Logic</p> <p>-- Asmae El Ghazi, Belaïd Ahiod and Aziz Ouaraab. Improved Ant Colony Optimization Routing Protocol for Wireless Sensor Networks</p>

16:30 – 17:00	<b>Coffee Break</b>
17:00 – 19:00	<b>Session 6: Short papers</b> <b>Chair: Rachid Guerraoui</b>
	<ul style="list-style-type: none"> <li>-- Awatif Rouijel, Khalid Minaoui, Pierre Comon and Driss Aboutajdine. Blind separation of the multiarray multisensor systems using the CP decomposition</li> <li>-- Yassine Sadqi, Ahmed Asimi and Younes Asimi. A Lightweight and Secure Session Management Protocol</li> <li>-- Nouredine Assad, Brahim Elbhiri, Sanaa El Fkihi, My Ahmed Faqih, Mohamed Ouadou and Driss Aboutajdine. Intrusion Detection Quality Analysis for Homogeneous Wireless Sensor Networks</li> <li>-- Fouad Benamrane, Mouad Ben Mamoun and Redouane Benaini. A case study of the performance of an OpenFlow Controller</li> <li>-- Mansour Khelghatdoust. Gossip-based Peer Sampling in Social Overlays Enabling Execution of Push-based Gossip Protocols On Restricted Networks</li> <li>-- Outman El Hichami, Mohammed Al Achhab, Ismail Berrada and El Mohajir Badr Eddine. Graphical specification and automatic verification of business process</li> </ul>
20:30	<b>Gala Diner</b>

## Saturday May 17

<b>Session 7: Distributed Algorithms (II)</b> <b>Chair: Seif Haridi</b>	
<b>09:00 - 10:30</b>	-- Rachid Guerraoui and Mihai Letia. Disjoint-access parallelism does not entail scalability -- Rachid Guerraoui and Eric Ruppert. Linearizability is not always a Safety property -- Shlomi Dolev, Panagiota Fatourou, Eleftherios Kosmas and Hillel Avni. Abort Free Semantic <sup>TM</sup> by Dependency Aware Scheduling of Transactional Instructions
10:30 - 11:00	<b>Coffee Break</b>
<b>Session 8: Quality of Service</b> <b>Chair: Gregor Bochmann</b>	
11:00 – 12:30	-- Touil Hicham and Fakhri Youssef. A QoS-Aware and Energy-Efficient Mechanism for IEEE 802.11e EDCA standard -- Salek Riadi, Abdelilah Maach and Driss El Ghanami. Loss Minimization and Delay Differentiation for Optical Burst Switching over Star Networks -- Afaf Bouhoute, Ismail Berrada and Mohamed El Kamili. A Formal Driving Behavior Model for Intelligent Transportation Systems
12:30 - 13:00	<b>Closing Session</b>
13:00 - 14:00	<b>Lunch</b>
<b>Social Event (Guided Tour of Marrakech)</b>	