

NETYS Program

Thursday May 2nd				
08:00 – 09:00	Registration			
09:00 – 10:45	Tutorial I - “ <i>The Distributed Foundations of Data Management in the Cloud</i> “, Amr El Abbadi, UCSB, USA			
10:15 – 10:45	Break			
10:45 – 12:30	Workshops			
	RAWSN	WVNT	PoLiCE	FIMPC
12:30 – 14:00	Lunch			
14:00 – 15:15	Tutorial II - “ <i>Modern Trends in High-Performance Computing</i> “, Mootaz Elnnozahy, KAUST, KSA		FIMPC	
15:15 – 15:45	Break			
15:45 – 18:00	Workshops			
	RAWSN	WVNT	PoLiCE	FIMPC
Friday May 3rd				
08:30 – 09:00	Opening			
09:00 – 09:45	Invited talk I : “ <i>P2P, DSM, and Other Products of the Complexity Factory</i> “, Willy Zwaenepoel, EPFL, Switzerland			
09:45 – 10:30	Session I			
10:30 – 11:00	Break around the posters			
11:00 – 12:30	Session II			
12:30 – 14:00	Lunch			
14:00 – 14:45	Invited talk II : “ <i>Programming in the Big Data Era</i> “, Mira Mezini, TUD, Germany			
14:45 – 15:30	Short papers I			
15:30 – 16:00	Break around the posters			
16:00 – 18:00	Short papers II			
Saturday May 4th				
09:00 – 09:45	Invited talk III : “ <i>Future Africa: technology</i> “, Jonathan Ledgard.			
09:45 – 10:30	Session III			
10:30 – 11:00	Break around the posters			
11:00 – 12:30	Session IV			
12:30 – 14:00	Lunch			
14:00 – 15:30	Session V			
15:30 – 16:00	Break			
16:00 – 17:00	Session VI			
Closing				

Detailed program

Thursday May 02th				
08:00 – 09:00	Registration			
09:00 – 10:45	Tutorial I - “The Distributed Foundations of Data Management in the Cloud”, Amr El Abbadi			
10:15 - 10:45	Break			
Workshops				
10:45 - 12:30	RAWSN	WVNT	PoliCE	FIMPC (Talks by T. Henzinger, K. Larsen, O. Maler, R. Grosu)
12:30 - 14:00	Lunch			
14:00 - 15:15	Tutorial II - “Modern Trends in High-Performance Computing”, Mootaz Elnnozahy			FIMPC
15:15 - 15:45	Break			
Workshops				
15:45 - 18:00	RAWSN	WVNT	PoliCE	FIMPC (Talks by N. Bjorner, D. Nickovic, A. Legay)

Friday May 03th	
08:30 - 09:00	Opening
09:00 - 09:45	Invited talk I : “P2P, DSM, and Other Products of the Complexity Factory”, Willy Zwaenepoel
Session I	
09:45 - 10:30	<ul style="list-style-type: none"> - Armando Castaneda and Michel Raynal. On the Consensus Number of Non-Adaptive Perfect Renaming - Sergio Arévalo, Ernesto Jiménez and Jian Tang. Set Agreement and the Loneliness Failure Detector in Crash-Recovery Systems
10:30 - 11:00	Break around the posters
Session II (chair M. Raynal)	
11:00 - 12:30	<ul style="list-style-type: none"> - Carole Delporte-Gallet, Hugues Fauconnier, Eli Gafni and Sergio Rajsbaum. Black art: obstruction-free k-set agreement with $MWMR\text{-registers} < \sim processes$ - Fatemeh Arbab, Hadi Ahmadi and Rei Safavi-Naeini. Conference Key Agreement over Tree Structured Networks - Shlomi Dolev, Omri Liba and Elad Michael Schiller. Self-Stabilizing Byzantine Resilient Topology Discovery and Message Delivery - Antoine Boutet, Davide Frey, Anne-Marie Kermarrec and Heverson Ribeiro. FreeRec: an Anonymous and Distributed Personalization Architecture
12:30 - 14:00	Lunch
14:00 - 14:45	Invited talk II : “Programming in the Big Data Era”, Mira Mezini
14:45-15:30	Short papers I

	<ul style="list-style-type: none"> - Antoine Boutet, Kostas Konstantinos and Anne-Marie Kermarrec. FStream: a decentralized and social music streamer - Ali Shoker and Jean-Paul Bahsoun. BFT Selection - Istvan Fehervari, Anita Sobe and Wilfried Elmenreich. Biologically Sound Neural Networks for Embedded Systems Using OpenCL - Ahmed Zakaria Manouare, Abdelilah Ghammaz, Abdelaziz El Idrissi and Saida Ibnyaich. Modeling of Human head Interaction with Planar Antenna for Multi Standard Cellular Phones - Youssef Nahaoui, Elhoucein Aassif, Rachid Latif and Gérard Maze. Modeling the cut-off frequency of acoustic signal with a fuzzy logic system
15:30 – 16:00	Break around the posters
16:00 – 18:00	Short papers II (chair A-M Kermarrec)
	<ul style="list-style-type: none"> - Erwan Le Merrer, Nicolas Le Scouarnec and Gilles Straub. Bitbox: a practical and decentralized approach to backup and sharing - Ezzouak Siham, El Amrani Mohammed and Azizi Abdelmalek. Improving Miller's algorithm using the NAF and The window NAF - Sihem Loukil, Slim Kallel and Mohamed Jmaiel. Runtime Adaptation of Component based Systems - Echchaachoui Adel, Choukri Ali, Habbani Ahmed and Elkoutbi Mohamed. Impact of Multipath Routing Performance of Video Traffic - El Wardani Dadi and El Mostafa Daoudi. Large scale 3D shape retrieval based on multi-core architectures - Ahmed El Ouadrhiri, Mohamed El Kamili, Mohammed Raiss El Fenni and Lahcen Omari. New forwarding Strategy for PROPHET Routing in DTNs - Lahby Mohamed, Cherkaoui Leghris and Abdellah Adib. New Dynamic Network Selection Access Based on Group MADM For Heterogeneous Networks - Erritali Mohamed, El Ouahidi Bouabid and Bourget Daniel. Secured Geographic Routing Protocol For Vehicular Ad Hoc Networks - Ismail Bennis, Zytoune Ouadoudi and Driss Aboutajdine. Enhanced AntNet protocol for wireless multimedia sensor networks - Sabri Yassine and Najib El Kamoun. Forest Fire Detection And Localization With Wireless Sensor Networks - Sara Bakkali, Hafssa Benaboud and Mouad Benmamoun. A new method to ensure End-to-End Quality of Service in Inter-domain environment

Saturday May 04th	
09:00 - 09:45	Invited talk III : “ <i>Future Africa: technology</i> “, Jonathan Ledgard.
09:45 - 10:30	Session III
	<ul style="list-style-type: none"> - Ercan Ucan and Timothy Roscoe. Establishing efficient routes between personal clouds - Benoit Garbinato, Adrian Holzer, Francois Vessaz and Arielle Moro. Developing, Deploying and Evaluating Protocols with ManetLab

10:30 - 11:00	Break around the posters
11:00 – 12:30	Session IV (chair G. V. Bochmann)
	<ul style="list-style-type: none"> - Mohamed Riduan Abid and Saad Biaz. Airtime Ping-Pong Effect in IEEE 802.11s Wireless Mesh Networks - Mohammed Gabli, El Miloud Jaara and El Bekkaye Mermri. Planning UMTS base station location using genetic algorithm with a dynamic trade-off parameter - Benlcouiri Younes, Benabdellah Mohammed, Ismail Moulay Chrif Ismaili and Azizi Abdelmalek. Video Encryption based on the Permutation of the $(\mathbb{Z}/p\mathbb{Z})$ Fields - Víctor M. López Millán, Vicent Cholvi, Luis López and Antonio Fernández Anta. Improving Resource Location with Locally Precomputed Partial Random Walks
12:30 - 14:00	Lunch
14:00 - 15:30	Session V (chair D. Chiadmi)
	<ul style="list-style-type: none"> - Gregor V. Bochmann and Shah Asaduzzaman. Distributed B-Tree with Weak Consistency - David Bermbach and Jörn Kuhlenkamp. Consistency in Distributed Storage Systems: An Overview of Models, Metrics and Measurement Approaches - Yvonne-Anne Pignolet, Stefan Schmid and Gilles Tredan. Request Complexity of VNet Topology Extraction: Dictionary-Based Attacks - Bogdan Chlebus, Vicent Cholvi and Dariusz Kowalski. Stability of Adversarial Routing with Feedback
15:30 - 16:00	Break
16:00 - 17:00	Session VI (chair B. Garbinato)
	<ul style="list-style-type: none"> - Yahya Benkaouz and Mohammed Erradi. A Distributed Protocol for Privacy Preserving Aggregation - Diego Didona, Pascal Felber, Derin Harmanci, Paolo Romano and Joerg Schenker. Identifying the Optimal Level of Parallelism in Transactional Memory Systems
Closing	