

NICST'2017 — Program

19 - 20 June 2017, Clermont Ferrand, France

(Conference: Amphi Bruno Garcia; Coffee break and lunch: A002)

19 June 2017

8h30-9h00: Registration and coffee (Hall of ISIMA)

9h00-9h30: NICST'2017 Opening Ceremony

1st Session chair: Alain Quilliot

9h30-10h30: Keynote speech, Yang XiaoZong, Harbin Institute of Technology, China, Networked wearable computer architecture: Personal area network and cloud

Coffee break

10h45-11h45: Keynote speech, Yves DUCQ, University of Bordeaux, France, Methods and tools to measure the interoperability performance

11h45-12h15: Heuristic approach to distribute the infrared heating in the thermoforming process, Djamel Rebaine, Kahina Bachir Cherif, Fouad Erchiqui and Issouf Fofafana

Lunch

2nd Session chair: Liu Hongwei

14h00-15h00: Keynote speech, Xiaolan XIE, CNRS UMR 6158 LIMOS, ENSM, Saint Etienne, France & Shanghai Jiao Tong University, P.R. China, Managing diagnostic capacity for regular patients and emergency patients with waiting time targets

15h00-15h30: A Rate Adaptive Construction Method for Polar Codes, Dongliang Xiao, Wangbing Chu, Chao Yang and Na Sun

15h30-16h00: The directed sum-cut linear ordering on divide-and-conquer graphs, Djamel Rebaine and Alain Quilliot

Coffee break

3rd session chair:

16h15-16h45: Research and Implementation of Elasticity Evaluation Method on Cloud Computing, Xu Wang, Yan Zhao, Hongwei Liu, Zhan Zhang and Decheng Zuo

16h45-17h15: A Dual Sparse Decomposition Method for Image Denoising, Hong Sun, Chen-Guang Liu and Cheng-Wei Sang

17h15-17h45: A surface sink deployment algorithm for underwater sensor networks inspired by dusty plasma crystallization, Xiangyu Yu, Hui Liang, Rongxin Tang and Han Gao

17h45-18h15: Verification and Validation of D2FD Method, Yan Wang, Grégory Zacharewicz, Mamadou Kaba Traoré and David Chen

Gala diner 20h00-22h00

20 June 2017

Registration and coffee 8h15-8h30 (Hall of ISIMA)

1st Session chair: Kun Mean HOU

8h30-9h30: Keynote speech, Sibylle Egger, Global 2000 Project coordinator, Austria, Ozone Measuring and Citizen Science: the CAPTOR project

9h30-10h30: Keynote speech, Jean-Pierre Chanet, IRSTEA Clermont-Ferrand, France, IoT in agriculture: context-aware approach

Coffee break

2nd Session chair: Hong Sun

10h45-11h15: The 2SEES prototype: motivation, description and early experiments, Jean Connier, Hongling Shi, de Vaulx Christophe, Jian-Jin Li, Philippe Vaslin and Kun Mean Hou

11h15-11h45: Risk management in design process for Factory of the future, Guangying Jin, Séverine Sperandio and Philippe Girard

11h45-12h15: A Performance Measurement Extension for BPMN: One Step Further Quantifying Interoperability in Process Model, Xabier Heguy, Gregory Zacharewicz, Yves Ducq and Said Tazi

Lunch

3rd Session chair: Farouk Toumani

14h00-15h00: Keynote speech, Gianmario Motta, Università di Pavia, ITALY, a framework for Services Systems (SS)

15h00-15h30: Visit LIMOS laboratory according to your field of interest:

- 2SEES demo,
- CAPTOR H2020 project demo and information ...

Round table and coffee break (15h30- 17h00)

- Session on IoT for environmental data collection: air pollution and precision agriculture and H2020 CAPTOR project offspring: Yang XiaoZong, KM Hou, Jean-Pierre Chanet and Sibylle Egger ...
- Session on New ICT for Industry 4.0: Alain Quilliot, Farouk Toumani, Yves Ducq, Gianmario Motta ...

NICST'2017 Closing Ceremony and announcement of NICST'2018

21 June 2017 - PICNIC

Whole day outdoor picnic to discover the beautiful Auvergne's landscape: volcanos, lakes, roman church ... It's a good opportunity to prolong the cooperation discussion if you have one.