Welcome to the

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Technically Sponsored by IEEE Communications Society, Technical Committee on Cognitive Networking, Technical Committee on Big Data, IEEE Network Intelligence Emerging Technologies Initiative

NI2019@IEEE Infocom, Paris 29 April, 2019
Previous editions

— 1st International Workshop on Network Intelligence @ICIN 2018, February 2018
Joint IEEE ComSoc ETI on Network Intelligence and IRTF NMRG meeting, Orange Labs (France)
Where do we come from?

NI 2019

- Network Intelligence
- Machine Learning for Networking
• Mérouane Debbah (CentraleSupélec, France)
• Baochun Li (University of Toronto, Canada)
• Giovanni Schembra (University of Catania, Italy)
• Dapeng Oliver Wu (University of Florida, USA)
TPC Chairs

- Laura Galluccio (University of Catania, Italy)
- Qiuyuan Huang (Microsoft Research, USA)
- Yunhuai Liu (Peking University, China)
- Mohamed Faten Zhani (Université du Quebec, Canada)
Steering Committee

- Imen Grida Ben Yahia (Orange Labs, France)
- Laurent Ciavaglia (Nokia Bell Labs, France)
- Weverton Cordeiro (UFRGS, Brazil)
- Mérouane Debbah (CentraleSupélec, France)
- Laura Galluccio (University of Catania, Italy)
- Baochun Li (University of Toronto)
- Noura Limam (University of Waterloo, Canada)
- Giovanni Schembra (University of Catania, Italy)
- Dapeng Oliver Wu (University of Florida)
- Mohamed Faten Zhani (École de Technologie Supérieure, Canada)
2 Keynote speeches

- T. Znati University of Pittsburg “A Perspective on Intelligence Cyber Security in Emerging Ubiquitous and Pervasive Environments”
- A. Corsaro ADLINK Technology Inc. “The Making of Edge Intelligence”

4 Sessions

- S1: ML for Network design, management and orchestration
- S2: ML for Cellular and Wireless Networks Planning
- S3: ML for Applications
- S4: ML at the Edge and in the Cloud

16 Technical papers
– 41 submitted papers
– 16 accepted papers
– Acceptance rate: 39%
– At least 3 reviews per paper
8:15 – 8:30 Opening Session

8:30 – 10:00
- **S1:** ML for Network design, management and orchestration

10:00 – 10:30 Coffee Break

10:30 – 11:15 Keynote Session:
Prof. T. Znati, A Perspective on Intelligence Cyber Security in Emerging Ubiquitous and Pervasive Environments

11:15 – 12:45
- **S2:** ML for Cellular and Wireless Networks Planning

12:45 – 14:00 Lunch Break

14:00 – 15:30
- **S3:** ML for Applications

15:30 – 16:00 Coffee Break

16:00 – 16:45 Keynote Session:
Dr. A. Corsaro, ADLINK Technology Inc.
The Making of Edge Intelligence

16:45 – 18:15
- **S4:** ML at the Edge and in the Cloud

18:15 – 18:30 Workshop Wrap up and Closing Remarks

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Enjoy NI 2019 and Paris!