

2017 IEEE Symposium on Communications and Vehicular Technology (SCVT 2017)

**Leuven, Belgium
14 November 2017**



**IEEE Catalog Number: CFP17507-POD
ISBN: 978-1-5386-2257-5**

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IEEE Catalog Number:	CFP17507-POD
ISBN (Print-On-Demand):	978-1-5386-2257-5
ISBN (Online):	978-1-5386-2256-8
ISSN:	2373-0854

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2017 IEEE Symposium on Communications and Vehicular Technology (SCVT)

Keynote I

Millimeter-wave CMOS circuits for 5G backhaul and access,
Jan Craninckx (imec, Belgium)

Poster Session

1. *Comparison of LoRaWAN Classes and their Power Consumption*, Phui San Cheong (University of Antwerp, Belgium); Johan Bergs (University of Antwerp & Imec, Belgium); Chris Hawinkel (Nokia Bell-Labs, Belgium); Jeroen Famaey (University of Antwerp & Imec, Belgium)
2. *Link adaptation in Massive MIMO: throughput-fairness trade-off*, Steve Blandino (Imec, Belgium); Claude Desset (IMEC, Belgium); Alessandro Chiumento (Katholieke Universiteit Leuven, Belgium); Andre Bourdoux (IMEC, Belgium); Liesbet Van der Perre (KUL, Belgium); Sofie Pollin (KU Leuven, Belgium)
3. *Stochastic modeling of IEEE 802.11p output process for efficient V2X large-scale interworking*, Fatma Salem (University of Valenciennes, France); Yassin Elhillali (Université de Valenciennes et du Hainaut-Cambresis, France); Smail Niar (Université de Valenciennes et du Hainaut-Cambresis, France)
4. *Dynamic BLE-based fingerprinting for location-aware smart homes*, Tom De Schepper (University of Antwerp & imec, Belgium); Alexander Vanhulle (University of Antwerp, Belgium); Steven Latré (University of Antwerp & imec, Belgium)

Regular papers

1. *Comparison of coding strategies for a combined multi-Gbps fiber and twisted-pair link*, Adriaan Suls and Marc Moeneclaey (Ghent University, Belgium); Yannick Lefevre and Mamoun Guenach (Nokia Bell Labs, Belgium)

2. *Performance Analysis of WMN Routing Protocols for Disaster Networks*, Auberlin Pagueem Tchinda, Ulrich Trick and Armin Lehmann (Frankfurt University of Applied Sciences, Germany); Bogdan Ghita (Plymouth University, United Kingdom (Great Britain))
3. *RAT Selection Based on Association Probability in 5G Heterogeneous Networks*, Behrad Soleymani (University of Tehran, Iran); Amirreza Zamani (Sharif University of Technology, Iran); Seyed Hamed Rastegar and Vahid Shah-Mansouri (University of Tehran, Iran)
4. *From Multipoint Relaying to Chain-Branch-Leaf: Improving the Clustering in OLSR for Vehicular Ad hoc Networks*, Lucas Rivoirard (IFSTTAR, COSYS, LEOST & University Lille Nord de France, France); Martine Wahl (IFSTTAR, LEOST & University Lille Nord de France, France); Patrick Sondi (Université du Littoral Côte d'Opale, France); Marion Berbineau (IFSTTAR, COSYS & University Lille Nord de France, France); Dominique Gruyer (LIVIC-IFSTTAR, France)
5. *The Application of the Symbolic Aggregate Approximation Algorithm (SAX) to Radio Frequency Fingerprinting of IoT Devices*, Gianmarco Baldini (Joint Research Centre - European Commission, Italy); Raimondo Giuliani (EC JRC, Italy); Gary Steri (European Commission Joint Research Centre, Italy); Ignacio Sanchez (EC JRC, Italy); Claudio Gentile (Università degli Studi dell'Insubria, Italy)

Keynote II

Towards A Signal Theory for Wireless Transmission of Information and Power,
Bruno Clerckx (Imperial College London, UK)

Industry Panel: Fixed wired or fixed wireless access

Panellists:

- Werner Coomans (Nokia Bell Labs Antwerp)
- Liesbet Van der Perre (KU Leuven)
- Julie Neckebroek (Comsof)
- Jerome Louveaux (UC Louvain)