



CAMSAP 2013, Saint Martin

December 15-18, 2013

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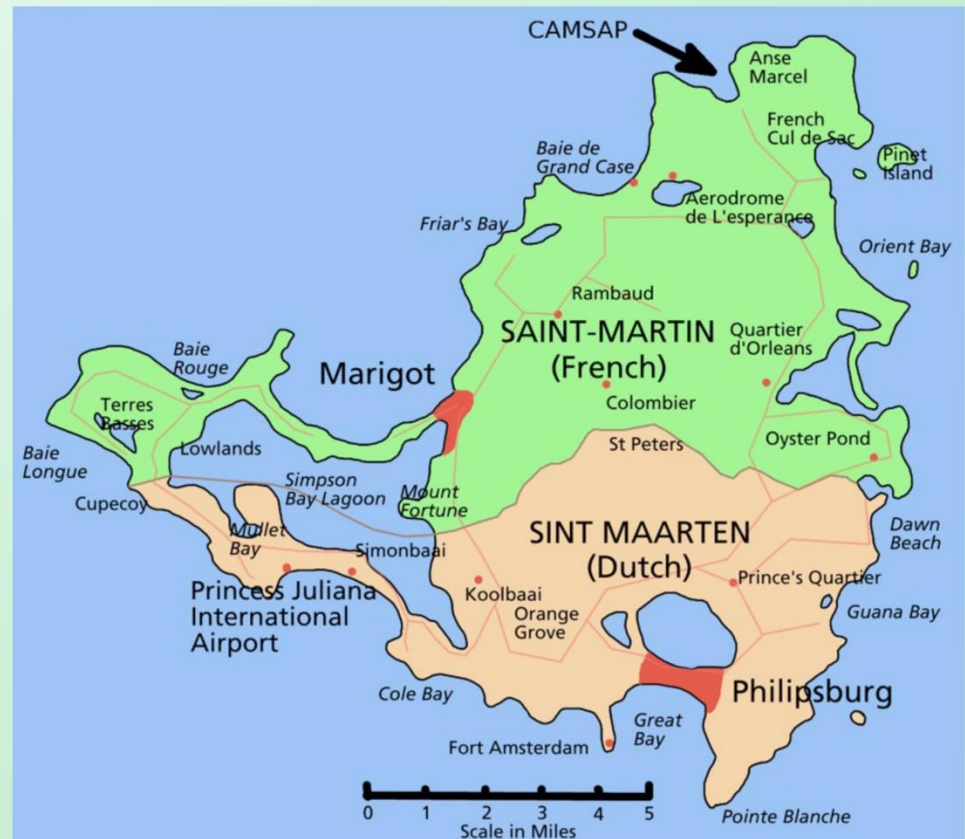
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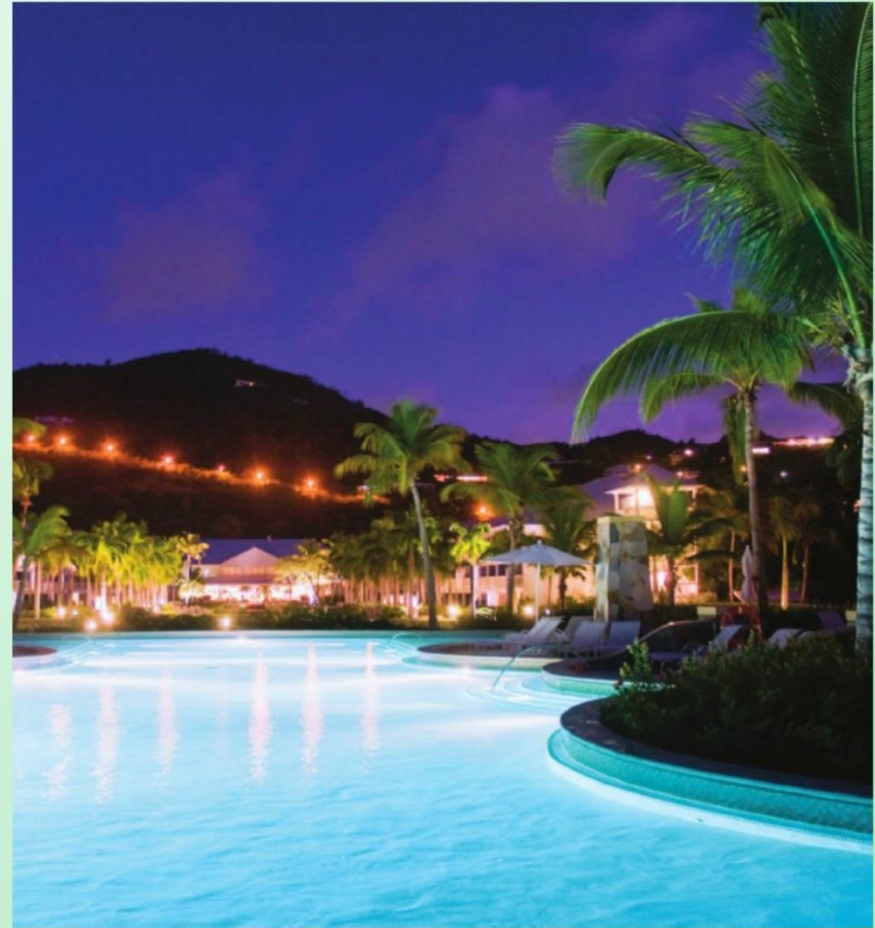
New Jersey Institute of Technology

Time and Place

- Sunday 15 – Wednesday 18, December 2013
- Saint Martin, Radisson Blu Resort, Marina, and Spa



Venue: Radisson Blu Resort



Plenary speakers



Lang Tong
Cornell University, USA

Topic: **Cyber Attacks on a Power Grid and Counter Measures**



Moeness Amin
Villanova University, USA

Topic: **Compressive Sensing for Urban Radar**



Alfred O. Hero III,
University of Michigan, Ann Arbor, USA

Topic: **Small Sample Correlation Mining in Massive Data Sets**



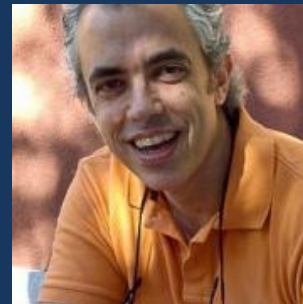
Björn Ottersten,
University of Luxembourg, Luxembourg and Royal Institute of Technology, Sweden

Topic: **Satellite Communications - Signal Processing Challenges**



Lieven De Lathauwer,
KU Leuven, Belgium

Topic: **Tensor Tools for Multi-Sensor Processing: Conceptual and Computational Advances**



Mário A. T. Figueiredo,
University of Lisbon and Instituto de Telecomunicações, Portugal

Topic: **Alternating Direction Optimization for Imaging and Machine Learning Problems**

Tutorials

Tutorial I: Convex and Non-Convex Approaches for Low-Dimensional Models



Volkan Cevher, *EPFL*, Switzerland, and

Mário A. T. Figueiredo, *University of Lisbon and Instituto de Telecomunicações*, Portugal

9:00 AM - 12:00 PM, Sunday, December 15, 2013

Tutorial II: Monitoring and Optimization for Smarter Power Grids



Georgios B. Giannakis, *University of Minnesota*, USA

01:30 PM - 04:30 PM, Sunday, December 15, 2013

Student Paper Contest and ARO Support



- Two initiatives were in place to encourage student participation and recognize outstanding student contributions
 - over 30 students attended the workshop
- Lower the student registration fee at CAMSAP 2013 (SPS members 300 USD, IEEE members 325 USD, other students 350 USD) with respect to the regular fee and to award 8 travel grants (500 USD) to deserving students
- Best Student Paper Competition (the award consisted of 300 USD, 200 USD, and 100 USD for the first, second and third place respectively)



CAMSAP 2013



- The program included
 - 2 tutorials (included in the registration)
 - 6 plenaries
 - 140 accepted papers by 389 authors,
 - which included 49 regular papers (with an acceptance ratio of 55.7 %) and
 - 78 papers in special sessions selected (with an acceptance ratio of 95 %) from 190 reviewed submissions.
- CAMSAP 2013 has a strong international presence: we had submissions from around the world and all continents
 - 43.2 % from Europe, Middle East, and Africa,
 - 41.5 % from North America,
 - 12.3 % from Asia/Pacific and
 - 2.9 % from Latin America
 - The final program includes authors from over 35 countries



CAMSAP 2013



- 140 attendees
 - There was only one no show for papers
- Outstanding technical program committee
 - of 43 distinguished researchers,
 - 22 session chairs and
 - 290 additional designated reviewers spanning the globe and drawn from both industry and academia.
- Papers received on average 3.92 reviews
- The papers were organized into 22 sessions (regular and special sessions)



12 Special sessions

1/3

Advances in Sequential Monte Carlo Methods

Organized by: Petar M. Djuric (Stony Brook University, USA)

Cognitive Radio and Radar Networks

Organized by: Maria Greco and Luca Sanguinetti (University of Pisa, Italy)

Computational Advances in Array Processing

Organized by: Sergiy Vorobyov (University of Alberta, USA)

Distributed Statistical Inference

Organized by: Ioannis Schizas (University of Texas at Arlington, USA)

Geophysical Signal Processing

Organized by: Daniela Donno (Mines ParisTech, France), Shuchin Aeron (Tufts University, USA) and Sandip Bose (Schlumberger-Doll Research, USA)

12 Special sessions

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New Sensing and Inference Methods for Large-Scale Data

Organized by: Jarvis Haupt (University of Minnesota, USA), Volkan Cevher (EPFL, Switzerland) and Philip Schniter (Ohio State University, USA)

Signal and Information Processing in Energy Grids

Organized by: Ali Tajer (Wayne State University, USA)

Signal Processing for Big Data

Organized by: Venugopal Veeravalli
(University of Illinois at Urbana-Champaign, USA)

Signal Processing in Social Networks

Organized by: Hamid Krim (North Carolina State University, USA) and Georgios B. Giannakis (University of Minnesota, USA)

12 Special sessions

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Spectrum Sensing for Cognitive Radio Systems

Organized by: Danijela Cabric (University of California Los Angeles, USA) and Yonina C. Eldar (Technion - Israel Institute of Technology, Israel)

Superresolution Sensing and Reconstruction

Organized by: Waheed Bajwa and Athina Petropulu (Rutgers, The State University of New Jersey, USA)

Tensor-based Methods for Multi-Sensor Signal Processing

Organized by: André de Almeida (Federal University of Ceará, Brazil)

Track-Before-Detect (TBD) and Multi-Frame Detection (MFD)

Organized by: Marco Lops (University of Cassino, Italy)