Final report

Maria S. Greco,
Aleksandar Dogandžić
Organizing committee

**General co-chairs**
- Aleksandar Dogandžić
  Iowa State University
- Maria Sabrina Greco
  University of Pisa

**Technical co-chairs**
- Sergiy Vorobyov
  University of Alberta
- Lee Swindlehurst
  University of California - Irvine

**Finance chair**
- Dominic K. C. Ho
  University of Missouri - Columbia

**Local arrangements co-chairs**
- Juan F. Arratia
  Ana G. Méndez University System, San Juan
- Luis M. Vicente López
  Polytechnic University of Puerto Rico
Plenary speakers

P. R. Kumar
Networked Cyberphysical Systems

José M. F. Moura
When is Distributed as Good as Centralized?

Juan F. Arratia,
Educational and Research Activities at the Ana G. Mendez University System

Jeffrey Krolik
MIMO Situational Awareness Radar

Robert W. Heath Jr
The Limited Feedback Revolution in Wireless Communication

José M. F. Moura
When is Distributed as Good as Centralized?

Robert Calderbank
Faster than Nyquist but Slower than Tropp
11 invited sessions

Advances in the theory and practice of computationally intensive methods for statistical signal processing
Petar M. Djuric

Deterministic and probabilistic toolsets for high-dimensional optimization
Volkan Cevher & Andrea Montanari

Estimation, learning, and optimization for the smart power grid
Seung-Jun Kim & Georgios B. Giannakis

Signal processing for smart grids
Usman Khan

Energy harvesting wireless networks
Aylin Yener
11 invited sessions (cont.)

Spectrum sensing for cognitive systems
Geert Leus & Georgios B. Giannakis

Efficient algorithms for spectrum and infrastructure sharing
Martin Haardt & Eleftherios Karipidis

Through-the-wall imaging
Arye Nehorai

MIMO radar
Dan Fuhrmann

Advances in geographical positioning
Pascal Larzabal

Signal processing applications to financial engineering
Daniel Palomar and Francisco Rubio
Submitted papers: Authors by geographical area

- 45.0% Asia/Pacific
- 39.4% United States
- 8.1% Europe, Middle East, Africa
- 5.0% Latin America
- 2.5% Canada

Average number of reviewers per paper (invited papers included): 3.35
Statistics

Accepted papers: Authors by geographical area

Submitted papers: 83 regular and 60 invited
Accepted papers: 103

Acceptance rate for regular papers: 55 %
Acceptance rate for invited papers: 96 %
Statistics

6 most popular topics (excluding invited sessions)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Array processing</td>
<td>24</td>
</tr>
<tr>
<td>Communication systems</td>
<td>16</td>
</tr>
<tr>
<td>Convex optimization and relaxation methods</td>
<td>17</td>
</tr>
<tr>
<td>Distributed computing, estimation, and detection</td>
<td>19</td>
</tr>
<tr>
<td>Sensor networks</td>
<td>18</td>
</tr>
<tr>
<td>Sampling and signal processing methods that</td>
<td>11</td>
</tr>
</tbody>
</table>

124 attendees, 100 regular and 24 student registrations

≈36 students attended
Twelve competitors were selected and three awards given to:
- Paolo Di Lorenzo, for “Optimal Beamforming for Range-Doppler Ambiguity Suppression in Squinted SAR Systems”,
- Rami Mochaourab, for “Coalition Formation in MISO Interference Channels”, and
- Emil Björnson, for Computational Framework for Optimal Robust Beamforming in Coordinated Multicell Systems.

Seven $500 travel awards were given, thanks to the support by the ONR.
Thanks to everyone!!!

Questions??