

2013 Asilomar Technical Program Committee

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2013 Asilomar Conference Session Schedule

Sunday Afternoon, November 3, 2013

3:00–7:00 PM	Registration — Merrill Hall
4:00–6:30 PM	Student Paper Contest — Heather
7:00–9:00 PM	Welcoming Dessert Reception — Merrill Hall

Monday Morning, November 4, 2013

7:30–9:00 AM	Breakfast – Crocker Dining Hall
8:00 AM–6:00 PM	Registration
8:15–9:45 AM	MA1a — Conference Welcome and Plenary Session — Chapel
9:45–10:15 AM	Coffee Social

10:15 AM–11:55 PM MORNING SESSIONS

MA1b	Full-Duplex MIMO Communications I
MA2b	Stochastic Optimization in Control and Wireless Communications
MA3b	Applications of Signal Processing in Financial Engineering
MA4b	Networking with Physical Layer Security
MA5b	Wireless Healthcare
MA6b	Underwater Acoustic Communication and Localization
MA7b	Approximate Computing
MA8b1	Biological Image Analysis (Poster)
MA8b2	Network Optimization (Poster)
MA8b3	Adaptive and Robust Methods (Poster)
MA8b4	Compressive Sensing (Poster)

12:00–1:00 PM	Lunch – Crocker Dining Hall
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Monday Afternoon, November 4, 2013

1:30–5:10 PM AFTERNOON SESSIONS

MP1a	Massive MIMO
MP1b	Distributed Coherent MIMO
MP2a	Wireless Security
MP2b	Energy Harvesting and Transfer
MP3a	Blind Source Separation and Deconvolution
MP3b	Distributed Signal Processing and Learning
MP4a	Network Optimization and Control
MP4b	Network Coding and Compression
MP5a	Extracting Information from Electrophysiology Data
MP5b	Optimization in (Bio)Medical Imaging
MP6a	Smart Grid Signal Processing
MP6b	Statistical Signal Processing
MP7a	Recent Progress in Computer Arithmetic
MP7b	3D Content Processing
MP8a1	Distributed Signal Processing (Poster)
MP8a2	Wireless Sensor Networks (Poster)
MP8a3	Array Signal Processing (Poster)
MP8a4	Speech, Audio, Image, and Video Processing (Poster)
MP8a5	Hardware Implementation (Poster)

Monday Evening, November 4, 2013

6:00–9:30 PM	Conference Cocktail/Social — Merrill Hall The Cocktail/Social takes the place of Monday's dinner. No charge for conference attendees and a guest.
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2013 Asilomar Conference Session Schedule

(continued)

Tuesday Morning, November 5, 2013

7:30–9:00 AM Breakfast — Crocker Dining Hall

8:00 AM–5:00 PM Registration

8:15 AM–11:55 PM MORNING SESSIONS

- TA1a Applied MIMO communications
- TA1b Implementation Aspects for Full Duplex and Large-Scale MIMO Wireless Systems
- TA2a Stochastic Geometry and Random Networks
- TA2b Random Matrices and Applications
- TA3a Active Sensing and Learning
- TA3b Optimization in Signal Processing
- TA4a Cooperation Techniques for Wireless Networks
- TA4b Body Area Nanonetworks
- TA5a Signal Processing in MEG and EEG
- TA5b Quantitative Image Analysis
- TA6a Geospatial Image Processing
- TA6b Control and Signal Processing for Information Fusion
- TA7a Heterogeneous and Reconfigurable Computing
- TA7b High Efficiency Video Coding
- TA8a1 Radar and Sonar Signal Processing (Poster)
- TA8a2 Communication Systems I (Poster)
- TA8a3 Machine Learning and Statistical Signal Processing (Poster)
- TA8a4 Machine Learning for Biological Signals (Poster)
- TA8b1 Communications Systems II (Poster)
- TA8b2 Computer Arithmetic (Poster)
- TA8b3 MIMO Systems (Poster)
- TA8b4 Adaptive Learning and Information Theory (Poster)

12:00–1:00 PM Lunch – Crocker Dining Hall

Tuesday Afternoon, November 5, 2013

1:30–5:35 PM AFTERNOON SESSIONS

- TP1a Advanced MIMO Networking
- TP1b Full-Duplex MIMO Communications II
- TP2a Multimedia Quality Assessment
- TP2b PHY Performance Abstraction Techniques
- TP3a New Geometric Models for Processing in Big-Data World
- TP3b Low-Dimensional Signal Models
- TP4a Power Networks
- TP4b Location-Aware Networking
- TP5a Analysis of Complex Biological Systems and Omics Data I
- TP5b Analysis of Complex Biological Systems and Omics Data II
- TP6a MIMO Radar
- TP6b Target Tracking I
- TP7a Algorithm/Architecture Co-design
- TP7b Machine Learning and Statistical Signal Processing
- TP8a1 Spectrum Sensing and Sharing (Poster)
- TP8a2 Relays in Communications (Poster)
- TP8a3 Cellular and Heterogeneous Networks (Poster)
- TP8a4 Adaptive Filtering (Poster)
- TP8b1 Electrophysiology and Brain Imaging (Poster)
- TP8b2 Multiuser MIMO Systems (Poster)
- TP8b3 Design Automation (Poster)

Tuesday Evening Open Evening — Enjoy the Monterey Peninsula

2013 Asilomar Conference Session Schedule

(continued)

Wednesday Morning, November 6, 2013

7:30–9:00 AM Breakfast — Crocker Dining Hall

8:00 AM–12:00 PM Registration — Copyright forms must be turned in before the registration closes at 12:00 noon.

8:15 AM–11:55 PM MORNING SESSIONS

WA1a MIMO Interference Management

WA1b MIMO Processing

WA2a OFDM

WA2b Advances in Coding and Decoding

WA3a Adaptive Filtering

WA3b Detection

WA4a Relaying and Cooperation

WA5a Image Analysis and Processing

WA5b Target Tracking II

WA6a Multi-Sensor Signal Processing

WA6b Direction of Arrival Estimation

WA7a Communication System Design

WA7b Energy- and Reliability-Aware Design

12:00–1:00 PM Lunch — Meal tickets may be purchased at registration desk. This meal is not included in the registration.