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 AM        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

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.
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.