

2011 Asilomar Conference Session Schedule

Sunday Afternoon, November 6, 2011

- 2:00 - 7:00 PM Registration — Main Lodge
4:00 - 6:30 PM Student Paper Contest — Merrill Hall
7:00 - 9:00 PM Welcoming Dessert Reception — Merrill Hall

Monday Morning, November 7, 2011

- 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
9:45 - 10:15 AM Coffee Social

10:15 AM - 12:00 PM MORNING SESSIONS

- MA1b Energy Efficient MIMO Communication
MA2b Delay Sensitive Communication
MA3b Graphical Models in Signal Processing I
MA4b In-network Computation
MA5b Medical Imaging
MA6b Collaborative Beamforming
MA7b Multivariate and Multimodal Analysis of Brain Signals
MA8b1 Computer Arithmetic I (Poster)
MA8b2 Physical Layer Security I (Poster)
MA8b3 Physical Layer Security II (Poster)
MA8b4 Image, Video Coding and Analysis (Poster)
MA8b5 Adaptive Systems and Spectral Estimation (Poster)

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

Monday Afternoon, November 7, 2011

1:30 - 5:10 PM AFTERNOON SESSIONS

- MP1a Interference-Alignment Techniques for Multi-Antenna Systems
MP1b Interference Alignment for the MIMO Interference Channel
MP2a Energy-Harvesting Wireless Networks
MP2b Coding and Decoding
MP3a Graphical Models in Signal Processing II
MP3b Signal Processing and Learning in Complex Systems
MP4a Compressive Sensing Applications in Networking
MP4b Resource Allocation in Wireless Networks
MP5a Advances in Bioimaging and Analysis
MP5b Image/Video Restoration, Enhancement and Evaluation
MP6a Tensor-based Array Signal Processing
MP6b Compressive Sensing for Array Processing
MP7a Processing of Physiological Signals
MP7b Model-based Design Optimization
MP8a1 Adaptive Filtering (Poster)
MP8a2 Speech Processing, Recognition and Coding (Poster)
MP8a3 Parameter Estimation (Poster)
MP8a4 DSP Algorithms and Architectures (Poster)
MP8a5 Novel DSP Architectures (Poster)

Monday Evening, November 7, 2011

- 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 or their guests.

2011 Asilomar Conference Session Schedule (continued)

Tuesday Morning, November 8, 2011

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

8:00 AM - 5:00 PM Registration

8:15 - 12:00 PM MORNING SESSIONS

- TA1a Random Matrices in Signal Processing and MIMO Communications
- TA1b Biosignal Estimation and Classification
- TA2a Network Coding
- TA2b Relaying through Frequency Selective Channels
- TA3a Advances in Compressive Sensing
- TA3b Sparse Reconstruction
- TA4a Next Generation Network Science
- TA4b Bio-inspired Models and Algorithms for Information Processing in Complex Networks
- TA5a Image and Video Retrieval
- TA5b Sparse Representations with Applications to Images and Video
- TA6a Waveform Design and MIMO Radar
- TA6b Network Beamforming and Relaying via Multiple Antennas
- TA7 Architectures for Wireless Communications
- TA8a1 Signal Processing Methods for Representation, Analysis, and Control of Biological Systems (Poster)
- TA8a2 Receiver Design and Optimization (Poster)
- TA8a3 Communications System Design (Poster)
- TA8a4 Applications of Array Processing (Poster)
- TA8b1 Multiple Antennas in Multi-User Systems and Networks (Poster)
- TA8b2 Cooperative and Cognitive Transmission in Multi-Antenna Systems (Poster)
- TA8b3 Adaptive Sensing (Poster)

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

Tuesday Afternoon, November 8, 2011

1:30 - 5:10 PM AFTERNOON SESSIONS

- TP1a Resource Allocation in Multi-Antenna Systems
- TP1b Interference Management
- TP2a Cognitive Radio I
- TP2b Cognitive Radio II
- TP3a Multi-dimensional Compressive Inference
- TP3b Advances in Adaptive and Distributed Filtering
- TP4a Communication Management in Robot Networks
- TP4b Distributed Storage Systems
- TP5 Compressive Sensing for Radar
- TP6a Source Localization
- TP6b Array Processing for Satellite Communications
- TP7a Adaptive and Evolvable Architectures
- TP7b Computer Arithmetic II
- TP8a1 Techniques for Space-Time Signal Processing (Poster)
- TP8a2 Statistical and Array Signal Processing for Biomedical Applications (Poster)
- TP8a3 Sensor Networks (Poster)
- TP8a4 Wireless Networks (Poster)
- TP8b1 Machine-Learning-Based Statistical Signal Processing (Poster)
- TP8b2 Network Information Theory (Poster)

Tuesday Evening Open Evening — Enjoy the Monterey Peninsula

2011 Asilomar Conference Session Schedule (continued)

Wednesday Morning, November 9, 2011

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 - 12:00 PM MORNING SESSIONS

WA1a Channel Estimation for Multi-Antenna Systems

WA1b MIMO Radar and SAR

WA2a OFDM

WA2b Beamforming

WA3a Information Theoretic Signal Processing

WA3b Compressive Imaging and Detection

WA4a Cooperation & Relays

WA4b Multiuser Information Theory

WA5a Signal Theory and Image Representation

WA5b Biometrics

WA6a Computational Aspects in Array Processing

WA6b Source Separation

WA7a Multi-core/GPU Implementation

WA7b Reconfigurable Architectures, Algorithms and Applications

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