2009 Asilomar Conference Session Schedule

Sunday Afternoon, November 1, 2009

2:00 - 7:00 PM	Registration – Main Lodge
5:00 - 6:30 PM	Student Paper Contest – Merrill Hall
7:00 - 9:00 PM	Welcoming Reception – Merrill Hall

Monday Morning, November 2, 2009

7:30 - 9:00 AM	Breakfast – Crocker Dining Hall
8:00 AM - 6:00 PM	Registration

8:30 AM - 12:10 PM   MORNING SESSIONS
MA1a   Image Retrieval
MA1b   Spread Spectrum Networks
MA2a   Brain Machine Interfaces I
MA2b   Brain Machine Interfaces II
MA3   Adaptivity in Communications
MA4   Mathematical Signal Processing
MA5   MIMO Radar Processing and Design
MA6   Adaptive Signal Processing I
MA7   Integrated Algorithm and Architecture Implementation
MA8a1   Sensor Networks (Poster)
MA8a2   Wireless PAN and LAN (Poster)
MA8b1   Models for Signal and Image Processing (Poster)
MA8b2   Image Processing Methods for Space Applications (Poster)

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

Monday Afternoon, November 2, 2009

1:30 - 5:10 PM   AFTERNOON SESSIONS
MP1a   Wireless Networks
MP1b   Wavelets
MP2   Multisensor Array Processing for Radar, Sonar, and Imaging
MP3   Signal and receiver design for modulation and detection with reconfigurable wireless systems
MP4   Image and Video Coding I
MP5   MIMO in Underwater Communications
MP6   Adaptive Signal Processing II
MP7a   Communications and Airborne Networks
MP7b   Reconfigurable Architectures and Processors
MP8a   Hardware Techniques & Implementations (Poster)

Monday Evening, November 2, 2009

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 guest.

2009 Asilomar Conference Session Schedule
(continued)

Tuesday Morning, November 3, 2009

7:30 - 9:00 AM	Breakfast – Crocker Dining Hall
8:00 AM - 5:00 PM	Registration
8:15 - 9:45 AM	TA1a - Conference Welcome and Plenary Session
9:45 - 10:15 AM	Coffee Social

10:15 AM - 12:20 PM   MORNING SESSIONS
TA1b   Network Coding
TA2b   Advances in Medical Imaging
TA3b   Secure Communications
TA4b   Image and Video Enhancement/Filtering
TA5b   Image and Video Coding II
TA6b   Adaptive Signal Processing III
TA7b   Computer Arithmetic I
TA8b1   Communication Systems I (Poster)
TA8b2   Communication Systems II (Poster)

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

Tuesday Afternoon, November 3, 2009

1:30 - 5:35 PM   AFTERNOON SESSIONS
TP1a   Network Design
TP1b   Relay Networks
TP2a   Reading the Brain -- Decoding Perception and Cognition
TP2b   Neural Signal Processing
TP3   Wideband Communications and Interference Management
TP4   Detection and Estimation II
TP5   MIMO Radar
TP6a   Speech Coding
TP6b   Computational Photography
TP7   Communication Processors and Accelerators
TP8a1   Array and Statistical Signal Processing I (Poster)
TP8a2   Array and Statistical Signal Processing II (Poster)
TP8a3   Adaptive Signal Processing IV (Poster)
TP8b1   MIMO Communications I (Poster)
TP8b2   MIMO Communications II (Poster)

Tuesday Evening, November 3, 2009

8:00 - 10:00 PM   Bonfire at the fire pit next to Crocker Hall

2009 Asilomar Conference Session Schedule
(continued)

Wednesday Morning, November 4, 2009

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.

8:30 AM - 12:35 PM   MORNING SESSIONS
WA1   Sparse Representations and Compressive Sensing
WA2a   Functional Imaging
WA2b   Computer Aided Diagnosis
WA3   OFDM and MIMO for Optical Wireless
WA4   Estimation and Detection I
WA5   MIMO Communications: Network Issues and Implications
WA6a   Speech Processing I
WA6b   Speech Processing II
WA7   Computer Arithmetic II
WA8   Resource Allocation and Beamforming for Next Generation Wireless

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

Student Paper Contest

Merrill Hall - Sunday, November 1, 2009
Judging starts at 5:00 PM

(Listed in paper number order)

"Compression-Aware Digital Pan/Tilt/Zoom"
Mina Makar, Aditya Mavlankar, Bernd Girod, Stanford University

"Multi-delay Block Frequency Domain Adaptive Filters with Sparse Partial Subblock Update"
Yifan Sun, Franklin W. Olin College of Engineering; Jie Chen, Keshab K. Parhi, University of Minnesota

"A Fast ACSU Architecture for Viterbi Decoder Using T-Algorithm"
Jinjin He, Huaping Liu, Oregon State University; Zhongfeng Wang, Broadcom Corporation

"Performance Analysis of Relay Channel Estimation"
Panagiota Lioliou, Mats Viberg, Chalmers University; Mikael Coldrey, Ericsson AB

"Performance Bounds for Expander-Based Compressed Sensing with Poisson Noise"
Sina Jafarpour, Princeton University; Rebecca Willett, Maxim Raginsky, Duke University; Robert Calderbank, Princeton University

"Robust Fitting of Ellipses and Spheroids"
Jieqi Yu, Sanjeev Kulkarni, H. Vincent Poor, Princeton University

"Reformulating the Least-Square Source Localization Problem with Contracted Distances"
Giuseppe Destino, Giuseppe Abreu, University of Oulu