2005 Asilomar Conference Session Schedule

Sunday Afternoon, October 30

2:00 - 7:00 PM	Registration – Main Lodge
7:00 - 9:00 PM	Welcoming Reception and Student Paper Contest
	Poster Session at Asilomar – Merrill Hall

Monday Morning, October 31

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

10:15 - 12:00 PM	MORNING SESSIONS
MA1b	Sources and Channell Coding
MA2b	Systems and Networks
MA3b	Multimedia Signal Processing
MA4b	Wireless Testbeds and Architectures
MA5b	Time-Varying Estimation
MA6b	CDMA Techniques
MA7b	MIMO Capacity

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

Monday Afternoon, October 31

1:30 - 5:10 PM	AFTERNOON SESSIONS
MP1	UWB
MP2	Sensor Networks
MP3	Advanced Signal Processing Algorithms
MP4	Biomedical Signal and Image Processing
MP5	Speech and Audio
MP6	Adaptive Systems
MP7	MIMO Feedback Communication
MP8a1	Communication over Non-Ideal Channels (Poster)
MP8a2	Multiuser Wireless Systems (Poster)
MP8b	Signal Processing Applications (Poster)

Monday Evening, October 31

6:30 - 9:30 PM	Conference Cocktail Social – Merrill Hall

2005 Asilomar Conference Session Schedule
(continued)

Tuesday Morning, November 1

7:30 - 9:00 AM	Breakfast – Crocker Dining Hall
8:00 AM - 5:00 PM	Registration

8:30 AM - 12:10 PM	MORNING SESSIONS
TA1	Coding and Modulations
TA2	Feedback Communications
TA3a	Signal Processing for Wireless Communications
TA3b	Signal Processing for UWB/OFDM
TA4	Decoder Archirectures
TA5	Video and Applications
TA6	Adaptive Receivers
TA7	MIMO Detection Strategies
TA8a1	Audio, Video, and Image Processing (Poster)
TA8a2	Communication Systems (Poster)
TA8b	Power Efficient Communication (Poster)

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

Tuesday Afternoon, November 1

1:30 - 5:10 PM	AFTERNOON SESSIONS
TP1	Relay Channels
TP2	Synchronization
TP3	Applied Signal Processing
TP4	Computer Arithmetic
TP5	Source Coding
TP6	Space Time Coding
TP7	Detection and Estimation
TP8a	Architecture and Implementation (Poster)
TP8b	Array Processing and Wireless Communications (Poster)

Tuesday Evening, November 1

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

2005 Asilomar Conference Session Schedule
(continued)

Wednesday Morning, November 2

7:30 - 9:00 AM	Breakfast – Crocker Dining Hall
8:00 AM - 12:00 PM	Registration – Papers must be turned in before the registration closes at 12:00 noon.
8:30 AM - 12:10 PM	MORNING SESSIONS

WA1	OFDM
WA2	MIMO and Multiple Access
WA3	Multi-Sensor Signal Processing
WA4	Wireless Systems
WA5a	Low Power and FPGA
WA5b	Computer Architectures
WA6	Image Enhancement and Modeling
WA7	Beamforming and Direction of Arrival Estimation
WA8	Network Information Theory

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

Poster session Sunday, October 30, in Merrill Hall, papers to remain posted during Welcome Reception.

Category A – Communication Systems and Networks
"Multi-Source Cooperative Networks with Distributed Convolutional Coding"
Renqiu Wang, Wanlun Zhao, and Georgios B. Giannakis, University of Minnesota
"Distributed Detection in Sensor Networks: Connectivity Graph and Small World Networks"
Saeed Aldosari and Jos Moura, Carnegie Mellon University
"A Parametric Analytical Diffusion Model for Indoor Ultra-Wideband Received Signal"
Majid Nemati and Robert Scholtz, University of Southern California
"Source and Channel Coding for Quasi-Static Fading Channels"
Deniz Gunduz and Elza Erkip, Polytechnic University

Category C – Array Processing and MIMO
"A Multi-user SC-FDE-MIMO System for Frequency-Selective Channels"
Li Guo and Yih-Fang Huang, University of Notre Dame

Category D – Biomedical Signal and Image Processing
"Multi-Static Adaptive Microwave Imaging for Early Breast Cancer Detection"
Yao Xie, Bin Guo, Luzhou Xu, Jian Li, University of Florida; Peter Stoica, Uppsala University

Category E – Signal Processing Algorithms and Applications
"On the Unimodality of Deflation based Fast ICA Contrast"
Malay Gupta and Balu Santhanam, The University of New Mexico
"Blind Correction of Gain and Timing Mismatches for a Two-Channel Time-Interleaved Analog-to-Digital Converter"
Munkyo Seo, Mark Rodwell, Upamanyu Madhow, University of California-Santa Barbara

Category G – Speech, Image, and Video Processing
"Optimal Motion Compensation for Low Bit Rate Wavelet Based Error Frame Coding"
Lorenzo Cappellari, University of Padova, Truong Nguyen, University of California-San Diego
"Perceptual Video Coding with H.264"
Koohyar Minoo and Truong Nguyen, University of California-San Diego