2002 Asilomar Conference Session Schedule

Sunday Afternoon, November 3

2:00-6:00pm	Registration
7:30-9:00pm	Welcoming Reception at Asilomar

Monday Morning, November 4

7:30-9:00am	Breakfast is available in Crocker Dining Hall
8:00am - 6:00pm	Registration
8:15-9:45am	MA1a Conference Opening and Plenary Session
9:45-10:15am	Coffee Social

10:15-12:00pm MORNING SESSIONS

MA1b	Iterative Decoding	Shu Lin
MA2b	Network Measurement and Mapping	Rob Nowak
MA3b	Low Power DSP Systems	Neeraj Magotra
MA4b	Adaptive Signal Processing Applications in Communications	Jim Schroeder
MA5b	Wireless Communications	TBD
MA6b	Information Theoretic Imaging	Pierre Noulin
MA7b	Coding	TBD
MA8b	Speech and Audio (Poster)	Keith Teague

12:00-1:00pm Lunch - Crocker Dinning Hall

Monday Afternoon, November 4

1:30-5:10pm AFTERNOON SESSIONS

MP1	Distributed Coding	Bernd Girod
MP2a	Iterative Methods in MIMO Systems	Long Tong
MP2b	Signal Processing for Genomics	Dan Furhmann
MP3	Filter Design and Structures	Lina Karam
MP4	Multichannel Equalization for Wireless Communications	Brian Evans
MP5	Sonar Signal Processing	Norm Owsley
MP6	Image Analysis and Applications	Hamid Krim
MP7	MIMO Communications Systems I	TBD
MP8a	Communications I (Poster)	TBD
MP8b	Blind Equalization (Poster)	Mike Larimore

Monday Evening, November 4

7:00-9:00pm Conference Reception

2002 ASILOMAR CONFERENCE SESSION SCHEDULE (continued)

Tuesday Morning, November 5

7:30-9:00am	Breakfast
8:00am - 5:00pm	Registration

8:30am - 12:10pm MORNING SESSIONS

TA1	Ultra-Wideband Communications	Uibashi Mitra
TA2	Geometry and Invariance in Signal Processing	Steve Smith
TA3	Filter Banks and Wavelets	Truong Nguyen
TA4	Simulation in Filtering and Stochostic Approximation	Vikram Kristramunthy
TA5	Emerging Techniques in Array Processing	Michael Clark
TA6	Inverse Problems in Imaging	W. Clem Karl
TA7a	Pattern Recognition	Ralph Hippenstiel
TA7b	Denoising	Ralph Hippenstiel
TA8a	Implementations and Nonlinear Adaptive Algorithms (Poster)	Michael G.Larimore
TA8b	Efficient DSP Hardware (Poster)	Vincent Mooney

12:00-1:00pm Lunch

Tuesday Afternoon, November 5

1:30-5:10pm AFTERNOON SESSIONS

TP1	Space-Time Communications	Hamid Jafarkhani
TP2	Communication Networks and Signal Processing	Brian Sadler & Ananthram Swami
TP3	Data Hiding	Charles Boncelet
TP4	Adaptive Equalization, Channel Estimation, and Echo Cancelling	Rick Johnson
TP5	Array Processing Foundations	James Ward
TP6	Internet Video Streaming	Bernd Girod
TP7	Optimization of MIMO Channel Capacity and Space-Time Coding	Michael Zatman
TP8a	Imaging for Target Detection	Sally Wood
TP8b	CDMA (Poster)	TBD

Wednesday Morning, November 6

7:30-9:00	Breakfast
8:00-12:00	Registration - Papers must be turned in before the registration closes at 12:00 noon

8:30-12:10 MORNING SESSIONS

WA1	Wireless Communications and Networks	Andrea Goldsmith
WA2	Time-Frequency Distributions for Nonstationery Random Processes	Alfred Hanssen
WA3	Arithmetic and Hardware Implementations	fred harris
WA4	Adaptive Source Separation	Scott Douglas
WA5	Antenna Arrays and MIMO Systems	Michael Zoltowski
WA6	Still Image Compression	Roberto Manduchi
WA7	Estimation	Darryl Morrell
WA8a	OFDM (Poster)	Sally Wood
WA8b	Communications II	TBD

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

2002 Asilomar Conference Session Schedule

Coffee breaks will be at 10:10 am and 3:10 pm. (Except Monday morning when refreshments will be served outside Chapel from (9:45-10:15.)

Monday, November 4

CONFERENCE OPENING AND PLENARY SESSION 8:30 – 9:45 AM

1. Welcome from the General Chairperson:

Benjamin Friedlander
University of California, Santa Cruz

2. Session MA1a - Distinguished Lecture for the 2002 Asilomar Conference

Dr. David Haussler
Director of the UCSC Center for Biomolecular Science and Engineering
University of California, Santa Cruz

Computational Analysis of the Human and Mouse Genomes

Abstract
Last year the International Human Genome Sequencing Consortium produced and annotated the initial public working draft of the human genome. The working draft sequence was assembled and made available at the University of California at Santa Cruz at http://genome.ucsc.edu. At this site and related, linked sites at the National Center for Biotechnology Information and the European Bioinformatics Institute, biomedical researchers worldwide are currently exploring this data in an attempt to comprehend the genetic blueprint for the human body. Key in this effort is the recently assembled working draft of the mouse genome. Because at least 95% of human genes are thought to have counterparts with similar functions in mouse, comparisons between these first two mammalian genome sequences is expected to yield a wealth of information. We will discuss what initial computational analysis has revealed about the structure and evolution of these mammalian genomes, and how insights from genome analysis will ultimately lead to new treatments for human disease.

Professional Biography

David Haussler is an investigator for the Howard Hughes Medical Institute. He holds the UC Presidential Chair in Computer Science at the Santa Cruz Campus, he is a consulting professor for the Stanford Medical School and the University of California San Francisco Biopharmaceutical Sciences Department, a Fellow of the American Association for Artificial Intelligence (AAAI), and a member of the nominating committee for the International Society for Computational Biology. He is a past chairman of the Steering Committee for the Computational Learning Theory Confer-