

**CALL FOR PAPERS**  
**Thirty Fourth Annual Asilomar Conference on**  
**Signals, Systems, and Computers**

**Asilomar Hotel and Conference Grounds, Pacific Grove, California**  
**October 29 - November 1, 2000**

Authors are invited to submit papers before June 1, 2000, in the following areas:

1. MIMO channel exploitation for wireless communication
2. DSP and coding for smart antennas, airlinks, and networks
3. Array-based signal processing and data fusion
4. Blind adaptive detection, estimation, analysis/classification
5. Fast/efficient adaptation in highly dynamic channels
6. Linear/Nonlinear multitarget adaptation techniques
7. Speech, audio, and image/video processing
8. Enabling techniques for multimedia Internet services



9. Data compression and security/watermarks
10. Time/frequency representations, filterbanks
11. Radar and sonar processing
12. Adaptive/passive localization and imaging
13. DSP hardware, software, and coreware
14. ASIC and FPGA algorithm/processor design
15. Analog and mixed mode systems and circuits
16. Biomedical signal processing

Submissions should include a 50 to 100 word abstract and an extended summary (500 to 1000 words plus figures). Submissions must include the paper title, each author's name and affiliation, and the technical area(s) with number(s) from the above list, where the paper falls. In addition, each submission should include the name, full address, telephone/fax numbers, and e-mail address of the Point of Contact for the paper. **No more than four submissions are allowed** per contributor, as author or co-author,. **All submissions must be received by June 1, 2000.** Notifications of acceptance will be mailed by late August 2000, and author information will sent by mid September 2000. Full papers will be due at the Conference, and published in the spring of 2001. All technical questions should be directed to the Technical Program Chair, **Dr. Brian Agee**, e-mail: bgagee@pacbell.net, ph/fax: (408) 269 3218, or the General Chair: **Dr. Sally Wood**, e-mail: swood@scu.edu, ph: (408) 554 4058, fax: (408) 554 5474.

Submissions are also invited for **Special Sessions** in important emerging areas such as: Exploitation of reciprocity in adaptive communication systems; techniques for broadband wireless access and 4G communications; new techniques for high-speed computing; techniques for design of low cost/power DSP. Contact the Technical Program Chair no later than March 15, 2000 for such sessions.

Authors may choose to send regular mail or electronic submissions; see specific instructions below.

**1. REGULAR MAIL SUBMISSIONS:** Authors should send four copies of the abstract and extended summary described above. In addition to the material described above, authors should include on a separate page a camera ready copy of the abstract headed by the title, authors names and affiliations for printing in an Abstract Book which will be available at the Conference. The type used must be clear and readily legible, and all information (including title, authors names, and affiliations) must fit within a 2.75" high by 6.5" wide format for printing in the Abstract Book. Regular mail submissions should be sent to:

**Asilomar Conference Technical Program Chair**  
**c/o ECE Department, Code EC**  
**Naval Postgraduate School**  
**833 Dyer Rd., Room 437**  
**Monterey, CA 93943-5121**

**2. ELECTRONIC SUBMISSIONS:** For information, check the conference website at <http://web.nps.navy.mil/~asilomar> .

**ELECTRONIC INFORMATION:** Check the Conference website for up to date information.

**CONFERENCE COMMITTEE**

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The site for the 2000 Conference is at the Asilomar Conference Grounds, in Pacific Grove, CA. The grounds border the Pacific Ocean and are close to Carmel and the scenic Seventeen Mile Drive in Pebble Beach.

The Conference is organized in cooperation with The Naval Postgraduate School, Monterey, CA, MBARI, Moss Landing, and the IEEE Signal Processing Society