2004 NASA/DoD Conference on Evolvable Hardware

June 24 - 26, 2004, Seattle, Washington, USA

Web Site: http://ehw.jpl.nasa.gov/events/nasaeh04

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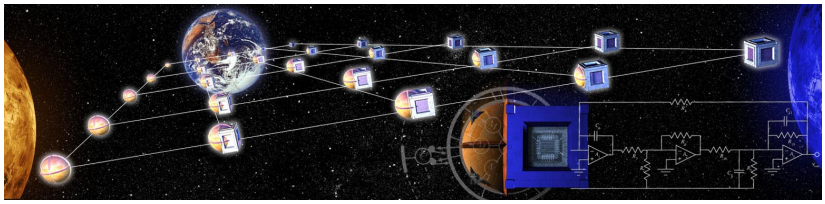

The 2004 NASA/DoD Conference on Evolvable Hardware (EH-2004) builds upon the tradition of the successful series of NASA/DoD Workshops (the first Workshop hosted by JPL in Pasadena, 1999; the second Workshop hosted by NASA Ames in Palo Alto, 2000; and the third Workshop hosted by JPL in Long Beach in 2001) and Conferences (2002 hosted by NASA Goddard in Washington, DC and 2003 hosted by AMES in Chicago) on Evolvable Hardware. Evolvable Hardware is an emerging field that applies evolution to automate design and adaptation of physical reconfigurable and morphable structures such as electronic systems, antennas, MEMS and robots. The purpose of this conference is to bring together leading researchers from the evolvable hardware community, representatives of the automated design and programmable/reconfigurable hardware communities, technology developers and end-users from the aerospace, military and commercial sectors. EH-2004 will be co-located with the Genetic and Evolutionary Computation Conference (GECCO-2004, June 26 - 30).

Evolvable hardware techniques enable self-reconfigurability, adaptability and learning by programmable devices and thus have the potential to significantly increase the functionality of deployable hardware systems. Evolvable Hardware is expected to have major impact on deployable systems for space systems and defense applications that need to survive and perform at optimal functionality during long duration in unknown, harsh and/or changing environments. It is also expected to greatly enhance the capability of systems that need modification, upgrade and learning without interrupting their operation.

Registration & check-in information

The meeting will begin at 9:00 A.M. on Thursday, June, 24, at the Grand Hyatt˚ Seattle Hotel, (Seattle, WA) in the Eliza Anderson Amphitheater. On-site check-in will begin on Wednesday, June 23rd from 6:00 P.M. to 8:00 P.M and Thursday, June 24 at 8:00 A.M. at the meeting site. At this time, you will be given your meeting badge and receipt for the registration fee, plus a packet of meeting materials.
All participants will be expected to pay the Conference registration fee of $350.00 (before May 13th)/$400 (after May 13th) which covers the cost of the conference, plus break service, a reception, lunch and a group dinner in the Seattle Museum of Flight. Please make checks payable to Jet Propulsion Laboratory and forward per instructions on the registration form. Note that no purchase orders, foreign checks or foreign currency can be accepted. Credit Cards (VISA, MASTER and AMERICAN EXPRESS) and US dollar traveler's checks are accepted. For our planning purposes, pre-registration with payment of fees is appreciated. A limited number of student grants are available. Please contact Ricardo S. Zebulum at Ricardo.S.Zebulum@jpl.nasa.gov or by phone at +1 (818) 354-7623 for further information with subject line *EH-2004 student grant*.

Accommodation

A limited block of rooms has been set aside at the Grand Hyatt˚ Seattle Hotel at the rate of $136/single or $161/single double. The hotel will hold the room block until May 25, 2004 or until it is filled, after which time they will honor the rate on a space available basis only. You can make your reservations on-line at: http://grandseattle.hyatt.com/groupbooking/nasa

Transportation

The Seattle area has one major airport: Seattle-Tacoma International Airport. The airport is approximately 20 minutes away from the Seattle Grand Hyatt Hotel. Cab costs $28. Gray Line Express Shuttle will take approximately 40 minutes — $8.50 one way or $14.00 round trip, (206) 626-5208. Please call Hotel for further information, (206) 774- 1234. Directions from airport: Take the WA-518 EAST/(I5)/Renton(I405), Take the I-5 NORTH exit towards SEATTLE, Take the MELROSE AVE exit towards OLIVE WAY, exit #166, Right on first traffic light MELROSE AVE, Right on PINE ST. Grand Hyatt Hotel is located on the Corner of 8th ST and PINE ST.

For further information please check the conference web site or contact

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