



Celebrating 125 Years
of Engineering the Future

San Fernando Valley Section – Computer & Communications Chapter
Metro Los Angeles Section
Buenaventura Section
CSUN - IEEE Student Branch
CSULA - College of Engineering, Computer Science and Technology
CSUCI - Math, Applied Physics, and Computer Science Departments
California Lutheran University - Computer Science Department



JPL Organizer
Mr. Leonard J. Reder



Dr. Dan Dvorak:
NASA OCE Study on
Flight Software
Complexity



Dr. Kiri Wagstaff:
State-Based Modeling
and Automatic Code
Generation for
Communications
Protocols



Dr. Nicolas
Rouquette:
Introduction to
Executable UML



Mr. Alex Murray:
Component-Based,
Run-Time Flight
Software Modification



Mr. David Wagner: An
Architect Pattern for
Goal-Based Control



Dr. Klaus Havelund &
Dr. Alex Groce
Let's Look at the Logs:
Low-Impact Runtime
Verification

Please note JPL annual Open House is on
May 2-3, 2009, as a General Family Event.
<http://www.jpl.nasa.gov/events/open-house.cfm>

Welcome you to the 2009 IEEE-JPL Software Seminar

Date: Saturday, June 13, 2009

Place: von Karmen Auditorium
Jet Propulsion Laboratory
4800 Oak Grove Drive, Pasadena, CA 91109

Info: Dr. Narisa Chu, narisa.chu@ieee.org
Dr. Joseph Boisvert, joseph.c.boisvert@boeing.com

RSVP: Irena Kageorgis, irenakageorgis@ieee.org by 6/1/09
Include Citizenship; seats limited to the 1st 100.

Note: All attendees are required to bring a government
issued ID to this event (Non-US Citizens must have a
valid passport)

Fee (lunch included): \$35/IEEE Member, \$45/Non-IEEE
\$15/Student

Program

Intended Audience: IEEE Members, Software
Professionals, and Software Enthusiasts

- **8:30AM** – Check In and coffee/tea served
- **9:00AM – 9:45AM** Introduction by Dr. Narisa Chu and Mr. Leonard Reder, Movie: Journey to the Planets and Beyond, and Overview of JPL
- **10:00AM – 12:00PM** Technical Presentations by Dr. Daniel Dvorak and Dr. Kiri Wagstaff
- **12:00PM** – Lunch/visit von Karmen Museum
- **1:00PM** – Tour of JPL Space Flight Ops Building & Spacecraft Assembly Facility
- **2:30PM – 4:30PM** Technical Presentations by Dr. Nicolas F. Rouquette, Messrs. Alex Murray and David Wagner, and Dr. Klaus Havelund and Dr. Alex Groce

Full program with abstract and speaker bio can be found
at: <http://www.ewh.ieee.org/r6/sfv/events.html>



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