



PROGRAMMABLE TECHNOLOGIES WEB SITE

This web site is dedicated to the design and use of
programmable and quick-turn technologies for space flight applications..

MAPLD 2000 International Conference Schedule

Please check for updates and corrections.

MAPLD 2000 Schedule

Talks are identified by the Session and paper number. For example, talk C3 is the third talk in the Session C, Radiation. The "0" talk for each session is the invited talk for that session. For example, talk A0 is the invited talk for Session A, Applications. Talk A0 is the Conference Keynote Address.

Invited talks are generally 40 minutes long with 5 minutes for questions and answers. B0 will be 50 minutes with 10 minutes for Q&A and C0 will be 45 minutes long. The schedule has flexibility built in and each Session Chair has the authority to lengthen [or cut-off] Q&A as appropriate. Healthy discussions are encouraged. Each regular paper will have a 20 minute presentation period, strictly enforced, with a nominal 5 minutes allotted for Q&A. Floor mikes will be provided for Q&A and all questions should be preceded with the name and affiliation of the individual asking the question. It's a large room, so please use the floor mikes for all questions.

Monday, September 25

Poster Setup (12 noon - 4 pm)

Exhibit Setup (12 noon - 4 pm)

[NASA, NSA Museum, and APL Tours](#) Bus leaves at 2 pm. Reservations required.

Conference Reception

Check-in, [Registration](#), Setup Continues
Exhibits Open
4 - 7 pm

[AIAA Baltimore Section Chapter Meeting](#)

Speaker (Open to all attendees)
James Kinnison
Johns Hopkins University/Applied Physics Lab

["System Level Radiation Tolerance"](#)

Talk Starts at 7:15 pm

Tuesday, September 26

Pre-Conference

Check-In

[Registration](#)

Breakfast

7:30 - 8:50 am

Welcome

Richard B. Katz

Grunt Engineer

National Aeronautics and Space Administration

George R. Cotter - Chief Scientist

National Security Agency

8:50 - 9:00 am

Session A. [Military & Aerospace Applications](#)

Session Chair: Ralph Kohler - Air Force Research Laboratory

Invited Speaker

Henry Spencer

SP Systems

["Faster, Better, but Most Important, Much Much Cheaper"](#)

Papers A0-A2

9:00 - 10:35 am

Morning Break

[Industrial Exhibits](#)

[Posters](#)

10:35 - 10:55 am

Session A. [Military & Aerospace Applications](#) (continued)

Papers A3-A6

10:55 am - 12:35 pm

Lunch

[Industrial Exhibits](#)

12:35 pm - 1:50 pm

Session B. [Devices, Elements, and Technologies](#)

Session Chair: Rich Katz - NASA GSFC

Introduction: Dr. Roger D. Launius

[NASA Chief Historian](#)

Invited History Talk

Eldon Hall - MIT Instrumentation Lab

["The Apollo Guidance Computer - A Designer's View"](#)

Papers B0-B2

1:50 pm - 3:45 pm

Afternoon Break

[Industrial Exhibits](#)

[Posters](#)

Book Signing, Eldon Hall: "Journey to the Moon: The History of the Apollo Guidance Computer"

3:45 pm - 4:30 pm

Session B. [Devices, Elements, and Technologies](#) (continued)

Papers B4-B6

4:30 pm - 5:45 pm

Dinner

Entertainment: [Tuxedo Park Strings](#)

Invited Speaker - Dr. Thomas Jones - NASA Astronaut Corps

["ISS: The Exploration Proving Ground"](#)

Introduction - Ann Garrison-Darrin - Johns Hopkins University

Dinner: 5:45 - 7:00

Speaker: 7:05 - 8:00 (40 min talk + 15 Q&A)

Wednesday, September 27

Pre-Conference

Check-In

[Registration](#)

Breakfast

7:30 - 8:30 am

Session C. [Radiation Environments and Effects](#)

Session Chair: Ken LaBel
NASA Goddard Space Flight Center

Invited Speaker
Lloyd Massengill
Vanderbilt University

["Single Event Modeling on Emerging Commercial Technologies"](#)

Papers C0-C2

8:30 - 10:10 am

Morning Break

[Dedicated Industrial Exhibit Session](#)

10:10-10:40 am

Session C. [Radiation Environments and Effects](#) (continued)

Papers C3-C6

10:40 am - 12:20 pm

Lunch

[AIAA Journal of Spacecraft and Rockets](#)

Review Meeting
Dr. Tanya Vladimirova
University of Surrey
Classroom 5

12:20 pm - 2:00 pm

Session D. [SoC, Synthesis, and IP](#)

Session Chair: Hans Tiggeler
University of Surrey

Papers D1-D3

2:00 - 3:15 pm

Afternoon Break

[Dedicated Poster Session](#)

3:15 - 4:00 pm

Session D. [SoC, Synthesis, and IP](#) (continued)

Papers D4-D6

4:00 - 5:15 pm

Dinner - Cookout

5:15 - 6:45 pm.

Panel Session

["PLD Hardware and Software in the High-Reliability, High-Safety, and High Security Mission-Critical Environment"](#)

Moderator
Ann Garrison-Darrin
Johns Hopkins University

6:45 - 8:00 pm

Thursday, September 28

Pre-Conference

Check-In

[Registration](#)

Breakfast

7:30 - 8:30 am

Session E. [Adaptive Computing](#)

Session Chair: John McHenry - National Security Agency

Invited Speaker

Mark Jones - Virginia Tech

["High-Level Programming Issues for Large Reconfigurable Computing Systems"](#)

Papers E0-E2

8:30 - 10:05 am

Morning Break

[Posters](#)

10:05 - 10:25 am

Session E. [Adaptive Computing](#) (continued)

Papers E3, E4, E6

10:25 am - 11:40 pm

Closing Remarks

Lunch

Available at APL Cafeteria 1 (Cash cafeteria, not a Conference event - provided for your convenience and for late side meetings).

Clearance is not required.

[Back to Programmable Technologies Home Page](#)

Last Revised September 22, 2000

A service of the Engineering Systems Center,

Web Designer: [Richard Katz](#)