

RT2007 Status

NPSS AdCom Meeting 7/22/06

Margaret Votava

FNAL

RT2007 Chair

Conference Venue

- Sunday April 29th -> Friday May 4th, 2007
 - 2 short courses on Sunday
 - ATCA – possibly Jeff Munch from ADLINK Technologies
 - ?
 - Plenary sessions from Monday – Friday
 - Excursion/banquet Wednesday afternoon and evening
- On-site at Fermilab – either in WH1W or Ramsey auditorium depending on size
- No conference supplied transportation between hotel and FNAL

Floor Space

■ Poster sessions

- May need to split in two sessions due to floor space and mounting stands
- Each poster slotted a 5m description during plenary sessions

■ Vendor support

- Up to 10 vendor areas
- NEED vendor support for conference bag or folder
 - Help offset cost of banquet/reception
 - Up to 2 “salesy” talks during plenary describing relevant technology.
 - Inserts into conference bag

Things that are done

- FNAL Approval
- Conference rooms reserved
- Local organizing team in place
 - Except conference proceedings editor
- Website in place, mostly placeholders
- First draft of poster complete
- CANPS Committee notified
- IEEE Forms submitted
 - Schedule, Insurance, Budget

Local Organizing Committee

- Vendor Contact – Bakul Banerjee
- Abstract Coordinator – Jane Nachtman
- Registration/Hotel/Banquet – FNAL Conference office
- Webmaster – Mari Herrera
- Admin – Griselda Lopez
- Poster – Diana Canzone
- Conference Editor – TBD
 - Abstract/program submission tool
 - BNL
 - JACOW
- Others local volunteers
 - FNAL DAQ experts Jerry Guglielmo, Vince Pavlicek
 - FNAL Scientists – Arlene Lennox, Jane Nachtman, Vivian O'Dell, G.P. Yeh
 - Mike Haney Uofl



IEEE NPSS Real Time Conference 2007

Fermilab, Batavia IL, 60510
April 29 - May 4, 2007



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Margaret Votava, Fermilab
Phone: 630-840-2625

[Past Conferences:](#)

- [2005](#) - [2003](#)

An interdisciplinary conference on the latest real time computing applications in plasma physics, nuclear physics, particle physics, astrophysics, space science, accelerators, and in medicine and biology



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<http://computing.fnal.gov/cd/rt07/>

Sponsors
 **IEEE**
Contact info
votava@fnal.gov • 630.840.2625

Real Time System Architectures
Front-end Signal Processing
High Speed Synchronous Control
Trigger and Data Acquisition
Event Building and Fast Networks

TOPICS

Online Processing Farms
High Level Triggers
Online Databases
Controls and Monitoring Systems
Medical Systems and Data Processing
Emerging Real Time Technologies

Deadlines

- Invitations to scientific committee. In Progress
- First announcement: late September
- Poster: late September
- Abstract submission open: late October
- Second call: early December
- Submission Deadline: late January
- Notification: late February
- Short courses set: late February
- Registration open: late February
- Presenter confirmation: early March
- Registration Deadline: late March

Scientific Advisory Committee

- Announcement sent to CANPS committee late last week
- FNAL scientists, ANL
- Could use more nuclear science and medical imaging input, and more representation from Asia

Budget Proposal

Category		Pessimistic (127)	Most Likely (180)	Optimistic (225)
SURPLUS		14740	23130	33141
TOTAL RECEIPTS		73400	101000	129500
TOTAL OUTLAYS		58660	77870	96359

Receipts

- Registrations Fees: \$300 - \$400 (\$150 for students)
- Tutorials \$100 each
- URA Grant - \$7500
- Banquet/excursion
 - \$150 if in Chicago (not including museum entrance fees)

Banquet/Excursion

- Downtown Chicago
 - Provide transport to/from downtown
 - Afternoon at museum campus
 - Natural history, aquarium, planetarium
 - Dinner at midAmerica club overlooking Lake Michigan
- FNAL local
 - Excursion
 - Frank Lloyd Wright architecture tour in Oak Park
 - Not so close
 - No nearby banquet facilities
 - Cantigny Park - Estate of Robert McCormick
 - House tour
 - Formal gardens, Greenhouse tour
 - WWI Military Museum
 - Banquet
 - Arboretum (catered)
 - Cantigny Golf Clubhouse
 - Elmhurst Art Museum (catered)
- Companion program

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<http://comp.dingtalk.gov/csl/r00/>

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Topics
Real Time Systems Architectures Online Processing Systems and High Level Riggers
Front-end Signal Processing Online Datastream
High Speed Transducer Control Controls and Monitoring Systems
Trigger and Data Acquisition Medical Systems and Data Processing
Event Building and Real Mathematics Emerging Real Time Technologies



Contact with conferences@fsl.fermilab.gov + (630) 840.2000