

PACIFIC RIM APPLICATIONS & GRID MIDDLEWARE ASSEMBLY



PRAGMA Member Booths

AIST (325) Calit2/CEOA (1647)
Cray (1515) CCS at U Tsukuba (339)
Institute of High Performance Computing (229) KISTI (1242)
NCHC (1241) Osaka (443) joint with NBCR-UCSD (439)
Pacific Northwest Gigapop/Research Channel (236) NCSA (1935)
SDSC (1915)

Other Members Present

APAC, ASGCC, CNIC, Thai National Grid Center; StarLight and Pacific Northwest GigaPoP will have a presence as part of SCinet

Other Booths Related to PRAGMA Activities

Indiana University (2214A) NAREGI (649)
National Lambda Rail (1951) National Center for Data Mining (1428)
UIC EVL (Calit2/CEOA 1647) Univ of Amsterdam (Dutch Research Consortium 1805)
UK e-science Programme (2234)

TeraGrid Institute

Sunday 12 November, Organized by Scott Lathrop

PRAGMA Joint Presentations

Wed 15 Nov 1500-1700 NCHC booth 1241
Presentation on various aspects; incorporating many PRAGMA members

PRIME/PRIUS Joint Presentation

Tues 14 Nov 1600-1730 NBCR-UCSD/Osaka-439/443

Wed 15 Nov 1200-1300 NBCR-UCSD/Osaka-439/443

Thur 16 Nov 1100-1200 NBCR-UCSD/Osaka-439/443
Pacific Rim Experiences for Undergraduates (PRIME) UCSD
Marshall Levesque: Virtual Screening for Protein Phosphatase Inhibitors using Computational Docking—based on experience at Osaka University
Angelina Altshuler: Cardiac Modeling using Nimrod: Stabilizing Myocyte Subcell Calcium Transient and Action Potential Calculations—based on experience at Monash University
Noah Ollikainen and Daniel Goodman: A Grid Computing Based Approach to Virtual Screening for Protein Kinase Inhibitors

Pacific Rim International UniverSities (PRIUS) Osaka University

Kohei Ichikawa: Opal Operation Provider and an Application of BioPfuga for Hybrid-QM/MM Simulation—based on experience at UCSD

Shingo Takeda: Development of Grid Security Monitoring System based on MOGAS—based on experience at Nanyang Technological University and National Grid Office Singapore

Seiki Kuwabara: High resolution visualization and collaboration using Tiled Display Wall—based on experience at NCHC

On-Going, On-Demand, Very Frequent

AIST (325) on demand:
Gfarm, Hybrid QM/MD and Ninf-G, GEO Grid, APGrid PMA

NBCR-UCSD/Osaka (439/443) on demand:
Computational Oral and Speech Science on E-science Infrastructures, Kazunori Nozaki, Cybermedia Center, Osaka University

National Center for Data Mining (1428)
Astronomy and Data Transfer (Bob Grossman, grossman@uic.edu; Yunhong GU, gu@lac.uic.edu; Michal Sabala, mike@lac.uic.edu). Involves: JGN2, Tokyo, Japan; *KISTI/GLORIAD, Korea; SARA/SurfNet, the Netherlands; *StarLight, USA; NASA GSFC, USA; Caltech, USA; See schedule at www.ncdm.uic.edu

Monday 13 November

1800 NCHC's Hazard Mitigation (NCHC booth 1241)

1800-1930 Beyond Networks: Integrated Collaborative Cyberinfrastructure (NBCR-UCSD/Osaka-439/443; and Calit2/CEOA-1647)
Partners: NCMIR, BIRN, EVL, NBCR, Calit2

Tuesday 14 November

1000 GEOGrid - Global Earth Observation Grid Demonstration, Naotaka Yamamoto (NBCR-UCSD/Osaka-439/443)

1030 NCHC Bioimaging and Environmental Observatories (NBCR-UCSD/Osaka-439/443)

1030 e-AIRS (KISTI-1242)

1100 JGN2: Status Report and Future Direction, NICT Osaka Research Center (NBCR-UCSD/Osaka-439/443)

1300 PRAGMA/TeraGrid joint experiment by Charlie Catlett and Yoshio Tanaka (AIST-325). Involving resources from TeraGrid, AIST, SDSC, NCSA, NCHC, Osaka, U. Chile, Monash, CNIC and KISTI

1300 JGN2: Status Report and Future Direction, NICT Osaka Research Center (NBCR-UCSD/Osaka-439/443)

1400-1600 Beyond Networks: Integrated Collaborative Cyberinfrastructure (NBCR-UCSD/Osaka-439/443; Calit2/CEOA-1647)
Partners: NCMIR, BIRN, EVL, NBCR, Calit2

1400 GridFMO, Robert Harrison and Tsutomu Ikegami (AIST-325)

1500 Advance reservation of bandwidth and computers, Gigi Edwards, Jon MacLaren, Tomohiro Kudoh, and Atsuko Takefusa (AIST-325)

1500 K*Grid infrastructure (KISTI-1242)

1500 e-Science Portal and Biomed Application Framework, ASGCC (EGEE-948)

1530 OptiPuter Technologies Enable Genomic and Oceanographic Research, Larry Smarr (NRL-1951)

1600 NCHC's EcoGrid (NCHC-1241)

1600 GridRPC, Jack Dongarra and Yoshio Tanaka (AIST-325)

1600-1730 PRIME/PRIUS Joint Presentation (NBCR-UCSD/Osaka-439/443)

1600-1800 SAGE and Visualcasting Create a Virtual Distributed Laboratory
EVL, University of Illinois at Chicago...in collaboration with OptIPuter and research partners: Calit2/CEOA (1647), Purdue, KISTI (1242), NBCR-UCSD/Osaka University (439-443), NCHC (1241), NCSA (1935), SARA and University of Michigan. Remote participation by UIC Electronic Visualization Laboratory and possibly Chinese Academy of Sciences CNIC.

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AT SC06 • TAMPA • 11-17 NOV 2006

- 1730-1800 SAGE and Visualcasting Create a Virtual Distributed Laboratory (NBCR-UCSD/Osaka-439/443)
- 1630 NCHC's Flood Mitigation Grid (NCHC-1241)
- 1630 Global Lambda Visualization Facility Jason Leigh, UIC/EVL (NLR-1951)
- 1700 OGSA-DAI, Malcom Atkinson and Isao Kojima (AIST-325)

Wednesday 15 November

- 1000 BioGrid Project and BioGrid Kansai NPO: Academic-Industrial Alliance toward in-silico drug discovery, BioGrid-Osaka (NBCR-UCSD/Osaka-439/443)
- 1100 GEOGrid - Global Earth Observation Grid Demonstration, Naotaka Yamamoto (NBCR-UCSD/Osaka-439/443)
- 1100 e-AIRS (KISTI-1242)
- 1100 GtrcNET, Pascale Primet and Yuetsu Kodama (AIST-325)
- 1130 NCHC Bioimaging and Environmental Observatories (NBCR-UCSD/Osaka-439/443)
- 1200-1330 PRIME/PRIUS Joint Presentation (NBCR-UCSD/Osaka-439/443)
- 1300 Geo Information Grid by Craig Lee and Ryosuke Nakamura (AIST-325)
- 1300 JGN2: Status Report and Future Direction, NICT Osaka Research Center (NBCR-UCSD/Osaka-439/443)
- 1400 Grid for Enterprise, Franz-Josef Pfreundt and Satoshi Itoh (AIST-325)
- 1400 Establishment of e-Science environment using HVEM (KISTI-1242)
- 1400 Beyond Networks: Integrated Collaborative Cyberinfrastructure (NBCR-UCSD/Osaka-439/443; Calit2/CEOA-1647)
Partners: NCMIR, NBCR, Calit2, EVL, BIRN
- 1400 Observing Systems, T. Fountain (SDSC-1915)
- 1500-1700 PRAGMA Joint Presentation (NCHC-1241)
- 1530 JGN2: Status Report and Future Direction, NICT Osaka Research Center (NBCR-UCSD/Osaka-439/443)
- 1530 Glyco-MGrid: CyberInfraStructure for e-Glycomics (KISTI-1242)
- 1630 TransLight and GLIF, Maxine Brown, (NLR-1951)
- 1630-1800 SAGE and Visualcasting Create a Virtual Distributed Laboratory EVL, University of Illinois at Chicago...in collaboration with OptIPuter and research partners: Calit2/CEOA (1647), Purdue, KISTI (1242), NBCR-UCSD/Osaka University (439-443), NCHC (1241), NCSA (1935), SARA and University of Michigan. Remote participation by UIC Electronic Visualization Laboratory and possibly Chinese Academy of Sciences CNIC.

- 1730-1800 SAGE and Visualcasting Create a Virtual Distributed Laboratory (NBCR-UCSD/Osaka-439/443)

Thursday 16 November

- 1000 AIST GEO Grid at Tile Display Wall, Naotaka Yamamoto (NBCR-UCSD/Osaka-439/443)
- 1030 NCHC Bioimaging and Environmental Observatories (NBCR-UCSD/Osaka-439/443)
- 1100 NCHC's EcoGrid (NCHC-1241)
- 1100 GEOGrid - Global Earth Observation Grid Demonstration (NBCR-UCSD/Osaka-439/443)
- 1100 PRIME/PRIUS Joint Presentation (NBCR-UCSD/Osaka-439/443)
- 1200 BioGrid Project and BioGrid Kansai NPO: Academic-Industrial Alliance toward in-silico drug discovery, BioGrid-Osaka (NBCR-UCSD/Osaka-439/443)
- 1300 My WorkSphere: Integrative Work Environment for Grid-unaware Biomedical Researchers and Applications, C. Misleh, NBCR (NBCR-UCSD/Osaka-439/443). Includes iGAP, Gfarm, CSF4
- 1330-1530 Beyond Networks: Integrated Collaborative Cyberinfrastructure (NBCR-UCSD/Osaka-439/443; Calit2/CEOA-1647)
Partners: NCMIR, NBCR, Calit2, EVL, BIRN
- 1400 PRAGMA/ TeraGrid Joint Experiment, Yoshio Tanaka (ANL-1925)
Using Resources from SDSC, NCSA, NCHC, Osaka, Chile, Monash University, CNIC and KISTI
- 1400 Establishment of e-Science environment using HVEM (KISTI-1242)
- 1430-1600 SAGE and Visualcasting Create a Virtual Distributed Laboratory EVL, University of Illinois at Chicago...in collaboration with OptIPuter and research partners: Calit2/CEOA (1647), Purdue, KISTI (1242), NBCR-UCSD/Osaka University (439-443), NCHC (1241), NCSA (1935), SARA and University of Michigan. Remote participation by UIC Electronic Visualization Laboratory and possibly Chinese Academy of Sciences CNIC.
- 1530-1600 SAGE and Visualcasting Create a Virtual Distributed Laboratory (NBCR-UCSD/Osaka-439/443)

www.pragma-grid.net

