

LONI Institute All-Hands Meeting Agenda

Friday October 31, 2008

Atchafalaya Room, LSU Union

8:30 a.m. -9:00 a.m.	Refreshments (bagels, fruit, beverages)
9:00 a.m. - 9:30 a.m.	Welcoming remarks (Ed Seidel)
9:30 a.m. - 10:45 a.m.	Talks by Abdelkader Baggag (LaTech), Dentcho Genov (LaTech), and Mark Jarrell (LSU)
10:45 a.m. - 10:55 a.m.	Coffee break
10:55 a.m. - 12:10 p.m.	Talks by Damir Khismatullin (Tulane), David Mobley (UNO), and Christopher Taylor (UNO)
12:10 p.m. - 1:00 p.m.	Lunch
1:00 p.m. - 2:00 p.m.	Talks by Tevfik Kosar (LSU), Ramu Ramachandran (LaTech), and Ebrahim Khosravi (SUBR)
2:00 p.m. - 2:15 p.m.	Coffee break
2:15 p.m. - 3:15 p.m.	Talks by Hideki Fujioka (Tulane), Ramesh Kolluru/Raju Gottumukkala (ULL), and Zhiyu Zhao (UNO).
3:15 p.m. - 3:30 p.m.	Coffee break
3:30 p.m. - 4:30 p.m.	Brainstorming session on the LI (collaborations, potential common projects...)
4:30 p.m. - 5:00 p.m.	Closing remarks (Jarek Nabrzycki)

The following are the titles of the talks

Abdelkader Baggag, "A Scalable Nested Iterative Scheme for Indefinite Linear Systems in Particulate Flows"

Hideki Fujioka, "Computational Biofluid Research Projects at Tulane University"

Dentcho Genov, "Electromagnetic metamaterials: from imaging with super resolution to mimicking celestial phenomenon in the lab"

Mark Jarrell, "Massively parallel and multi-scale simulations of strongly correlated systems"

Damir Khismatullin, "Modeling of cell adhesion using a multiphase flow approach"

Ramesh Kolluru/Raju Gottumukkala, "Cyberinfrastructure-enabled applications of LONI for Homeland Security and Disaster Management"

Tevfik Kosar, "LI Cyberinfrastructure Development Efforts"

Ebrahim Khosravi, "Computational material research and bioinformatics study at Southern University"

David Mobley, "Using molecular simulations to predict protein-ligand binding and solvation"

Ramu Ramachandran, "Highlights of research projects being conducted by LI scientists at LA Tech"

Christopher Taylor, "Extraction of Human DNA Replication Timing Patterns from Discrete Microarray Data"

Zhiyu Zhao, "Computational Research at UNO and on Protein 3-D Structure and Genome Sequence Related Problems"