

# **Agenda for Computational Science Workshop for Underrepresented Groups**

**January 3-10, 2007**

**University of Southern California, SSL 150**

## **Wednesday, January 3, 2007**

Introductions (9:00am – 9:15am)

Building PC (9:15am – 12:30pm) - Yi-Chun Chen & Kari  
Hodge/Ebenge Usip

Lunch (12:30pm – 1:45pm)

Installing OS (1:45pm – 4:15pm) - Richard Seymour

UNIX Tutorial (3:00pm – 4:00pm) - Richard Clark

Network configuration (4:15pm – 5:00pm) - Ken-ichi Nomura

## **Thursday, Jan 4**

Programming in Fortran/ Test programs (9:00am – 12:00pm) – Hsiu-Pin  
Chen & Weiqang Wang

Using MPI (12:00pm – 12:30pm) – Zhen Lu

Lunch (12:30pm – 1:45pm)

Presentation (2:00pm – 2:45pm)

MPI Test Programs (3:00pm – 5:00pm) - Zhen Lu & Yi-Chun Chen

## **Friday, Jan 5**

Parallel Programming (9:00am – 10:45am) - Prof. Aiichiro Nakano

Presentation (11:00am – 11:45am) – Dr. Kevin McNesby (ARL)

Atomistic Simulations (11:45am – 12:30pm) - Prof. Priya Vashishta &  
Prof. Rajiv K. Kalia

Lunch (12:30pm – 1:45pm)

Presentation (2:00pm – 2:45pm) – Dr. Iraj Ershaghi (USC)

Atomistic Simulations (3:00pm – 5:00pm) - Prof. Priya Vashishta &  
Prof. Rajiv K. Kalia

## **Saturday, Jan 6**

MD Simulation (9:00am – 10:45am) - Prof. Rajiv K. Kalia & Prof. Priya Vashishta

Presentation (11:00am-11:45am) – Dr. Lin Yang (Lawrence Livermore)

Lunch (12:00pm – 1:15pm)

Parallel MD Simulation (1:15pm –2:45pm) - Ken-ichi Nomura & Cheng Zhang

Parallel MD Simulation (3:00pm – 5:00pm) - Ken-ichi Nomura & Cheng Zhang

## **Sunday, Jan 7**

Presentation (9:00am – 9:45am) – Ms. Valerie Thomas (DoD)

Access Grid, Vizlab Tour/ Report Writing (10:00am – 12:00pm) – Richard Seymour / Yi-Chun Chen & Prof. Rajiv K. Kalia

## **Monday, Jan 8**

Performance of Parallel MD Simulation (9:00am – 10:45am) - VHE 702  
Zhen Lu, Ken-ichi Nomura, Cheng Zhang, Weiqiang Wang

Presentation (11:00am – 11:45am) – Mr. Cray Henry (DoD)

Lunch (12:00pm – 1:15pm)

Final Report (1:15pm – 2:00pm) - Yi-Chun Chen, Prof. Rajiv K. Kalia

Speaker (2:00pm – 2:45pm) - Dr. Michael Berman, AFOSR

Performance of Parallel MD Simulation (3:00pm – 5:00pm)

Awards, Banquet - 6:00pm, USC

## **Tuesday, Jan 9**

Final Report (9:00am - 10:45am)

Presentation (11:00am - 11:45am) – Dr. Cindy Rountree (Saclay)

Lunch (12:00pm-1:15pm)

Report (1:15pm-3:45pm) – Yi Chun Chen, Prof. Rajiv K. Kalia

Packing Computers (4:00pm)

Adjourn (5:00pm)