



### **OCT 5TH, WEDNESDAY**

Arrival at the Cologne Marriott Hotel, Johannisstrasse 76-80, Cologne 50668, Germany.

**7:00-9:00pm** Reception with drinks and light hors d'oeuvres in the Plüsch Bar & Lounge of the Marriott Hotel. Dinner is on your own.

### **OCT 6, THURSDAY (DAY 1)**

**7:30am** Registration and breakfast buffet (Breakfast at Brasserie Fou located on "E" level)

**8:30am** Welcome: "Scalability Ulmtd," Thomas Lippert

**9:15am** China Update /CODESIGN, Zhong Jin/Chubin Chi

**9:45am** Japan Update / K-Machine, Ryutaro Himeno

**10:15-10:45am** Break

**10:45am** Presentation, Leonardo Flores

**11:00am** EESI WP4 Results: "Enabling technologies for Exaflop computing"

WG 4.1 R&D Cartography Bernd Mohr

WG 4.2 Exascale SW Eco-system, Franck Cappello

WG 4.3 Numerical Libraries and Algorithms, Iain Duff

WG 4.4 Scientific Software Engineering, Andrew Jones

WG 3.4 Life Sciences, Ramon Goni

**12:30-2:00pm** Lunch

**2:00pm** Introduction of the 3 EU Exascale prototype projects (15min/each)

DEEP (Norbert Eicker)

MontBlanc (Alex Ramirez)

CRESTA (Mark Parsons)

**2:45pm** Japan Update SDHPC Yutaka Ishikawa

**3:00pm** US update Paul Messina

**3:30pm** Need for Exascale Education and Training Vladimir Voevodin

**3:45pm** Break

**4:15-6:00pm** Introduction IESP Cologne Breakout Groups

Co-Design (lead by Sudip Dosanjh and Stephane Requena)

Exascale Software Maintenance, Intl. Coordination (lead by Pete Beckman and Franck Cappello)

Revolutionary Approaches (lead by Thomas Sterling)

**7:00-9:00pm** Dinner at the Marriot

### **OCT 7, FRIDAY (DAY 2)**

**8:00am** Registration and Breakfast Buffet (Breakfast at Brasserie Fou located on "E" level)

**9:00am** EESI Cartography Update Mark Parsons

**9:30am** EESI WP3 Results: "Application Grand Challenges"

WG 3.1 Industrial Applications, Jean-Claude Andre

WG 3.2 Weather, Earth, and Climate, Giovanni Aloisio

WG 3.3 Fundamental Sciences, Stephane Requena

**11:00-11:30pm** Break

**11:30am** EESI Conclusions and Recommendations, Jean-Yves Berthou

**12:15pm** Discussion of EESI Recommendations

**12:30-2:00pm** Lunch

**2:00-5:00pm** IESP Cologne Breakout Groups

Co-Design (lead by Sudip Dosanjh and Stephane Requena)

Exascale Software Maintenance, Intl. Coordination (lead by Pete Beckman and Franck Cappello)

Revolutionary Approaches (lead by Thomas Sterling)

**5:00-5:30pm** Report from Breakout Groups

**6:00pm** Bus leaves for transfers to Hotels Frankfurt (for FRA) and Bonn (for CGN) for those staying over until Oct. 8 or 9.