

# Programming Models

## Topics of Common Interest

### Hybrid Programming Models

OpenMP + MPI – Interoperability; scheduling of compute resources

MPI + shared memory (as an alternative to OpenMP)

MPI + PGAS languages

INRIA

**Raymond Namyst**

Jean-Francois Mehaut

Stephane Lanteri

Illinois

**Marc Snir**

Bill Gropp

### Distributed Object Models

KAAPI, Charm++, Proactive

INRIA

**Thierry Gautier**

Denis Caromel

Illinois

**Sanjay Kale**

### Scheduling

Load balancing strategies, benchmarks, common APIs

INRIA

**Thierry Gautier**

Denis Caromel

Illinois

**Sanjay Kale**