

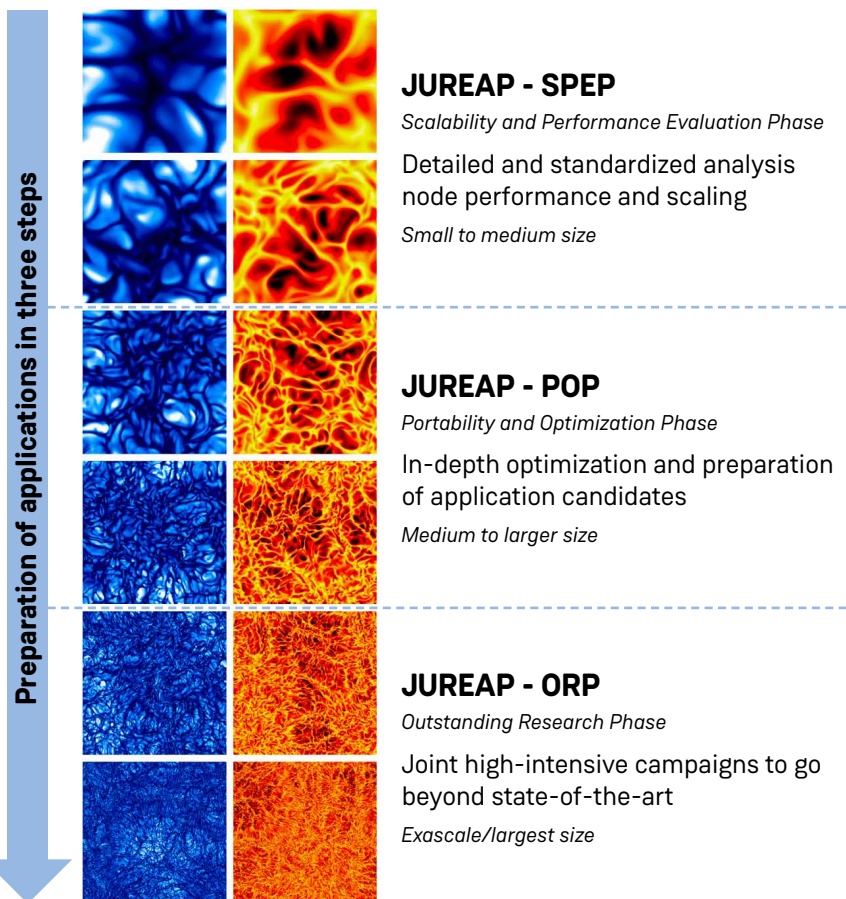
JSC'S EXASCALE COMPUTING STRATEGY

APPLICATIONS FIRST. APPLICATIONS NEXT. APPLICATIONS EVERYWHERE!



- **JUPITER Benchmark Suite:**
Application-focused system procurement
- **JUPITER Research and Early Access Program:**
Intensive preparation of Exascale applications in multiple stages (*JUREAP*)
- **JUPITER Exascale Development Instrument:**
Preparation system with user access for early optimizations (*JEDI*)
- **Grand Challenges:**
Early commitment on outstanding Exascale scientific cases

JUPITER: Focusing on high-impact Exascale AI/simulation applications and groundbreaking science!



JSC "exaCB"

Continuous Integration/
Continuous Deployment
solution for Exascale HPC

Reproducible pipelines for continuous benchmarking and system monitoring



JSC BIG DAYS

Cross sectional effort of multiple JSC teams

Regular reservations to run JSC supercomputers at maximum scale

