

Implementing Solvers in CitcomCU and CitcomS

Workshop at UC Davis, Sept. 16-17, 2013

Organizers: [Margarete Jadamec](#) and [Matthew Knepley](#)

Workshop Agenda

		Monday, Sept. 16 th : CitcomCU	Tuesday, Sept. 17 th : CitcomS
Time (Pacific Time Zone)	Session		
9:00 a.m. - 9:40 a.m.	Talks	Getting Started with CitcomCU: Welcome and CIG Perspective: L. Kellogg Science Drivers: M. Jadamec Architecture and Algorithms: M. Knepley	Solvers in CitcomCU and CitcomS: Block Solvers and Multigrid for Citcom: D. May Implementation in CitcomS: R. Kommu Overshoots in the Energy Solve: E.G. Puckett
9:40 a.m. - 10:00 a.m.	Discussion	Getting Started with CitcomCU: Discussion Leader: S. Zhong	Commonalities in CitcomCU & CitcomS: Discussion Leader: D. May
10:00 a.m. - 12:30 p.m.	Work Session	Delving into CitcomCU Code, Solvers: Work Session Leader: M. Knepley	Delving into CitcomS Code, Energy Solve: Work Session Leader: M. Knepley
12:30 p.m. - 2:00 p.m.	Lunch	Walk to Silo and/or Memorial Union	Walk to Silo and/or Memorial Union
2:00 p.m. - 2:20 p.m.	Talks	Simulation Workflow and Analysis: Applications and Benchmarking: S. Zhong Inv. Problems & Uncert. Quantification: J. Brown	CitcomCU, CitcomS Development Plans: Benchmark, Stability Transitions: P.-A. Arrial Workshop Report: M. Jadamec
2:20 p.m. - 3:00 p.m.	Discussion	Simulation Workflow and Analysis: Discussion Leader: J. Brown	Extending CitcomCU and CitcomS Discussion Leader: M. Jadamec
3:00 p.m. - 5:30 p.m.	Work Session	More time in the CitcomCU Code: Work Session Leader: M. Knepley	Roundtable Discussion: Work Session Leader: M. Knepley
5:30 p.m. - 7:00 p.m.	Dinner	Dinner in downtown Davis	Dinner in downtown Davis