

Université Paris-Dauphine

June 7th, 2019

CINE-PARA

Parallelisation methods for complex kinetics

(ANR-15-CE23-0019)

Room P-504, Université Paris-Dauphine

Organized by ANR CINE-PARA, CEREMADE, LJLL and LAGA

Organizing Committee : Caroline Japhet – Yvon Maday – Olga Mula

<http://www.math.univ-paris13.fr/~japhet/CineParaDay2.htm>

Invited speakers

Katia Ait Ameer, *Sorbonne Université & CEA Saclay*

Duc Quang Bui, *Université Paris 13*

Florent Hédin, *Ecole des Ponts ParisTech*

Yvon Maday, *Sorbonne Université & IUF*

Van Thanh Nguyen, *INRIA Paris*

Julien Salomon, *Université Paris-Dauphine*

Upanshu Sharma, *Ecole des Ponts ParisTech*

parallel in time

molecular dynamics two-phase wave symplectic
Parallel Replica Stokes
CINE-PARA Luenberger observers parallelization direct Time Parallel
flows parareal scalability two-level preconditioner Catharc
Optimal control domain decomposition TríoCFD
Optimized Schwarz Waveform Relaxation

