

Session Program

19-21 Mar 2025



5th Smilei user & training workshop

Smilei

ETSIAE (U. P. Madrid)
Madrid, Spain

Wednesday 19 March

09:30

Smilei: Project review

Session | Location: ETSIAE (U. P. Madrid), Madrid, Spain

09:30-09:40 Introduction

09:40-10:10 Smilei: Status and perspectives

Speaker

Arnaud Beck

10:10-10:40 Smilei: Ecosystem

Speaker

Tommaso Vinci

10:40

14:50

Smilei: Project review

Session | Location: ETSIAE (U. P. Madrid), Madrid, Spain

14:50-15:20 Smilei: Supercomputing Landscape

Speaker

Charles Prouveur

15:20

Thursday 20 March

09:30

Smilei: The PIC method and its parallelization

Session | Location: ETSIAE (U. P. Madrid), Madrid, Spain

09:30-10:10 Smilei: PIC Basics

Speaker

Mickael GRECH

10:10-10:45 Smilei: Parallelization

Speaker

Frederic Perez

10:45

14:00

Smilei: Beyond PIC

Session | Location: ETSIAE (U. P. Madrid), Madrid, Spain

14:00-14:45 Smilei: Advanced numerical methods

Speaker

Francesco Massimo

14:45-15:20 Smilei: Additional physics modules

Speaker

Guillaume Bouchard

15:20

Friday 21 March

09:30

Smilei: New technologies

Session | Location: ETSIAE (U. P. Madrid), Madrid, Spain

09:30-09:50 **Smilei: Achieving performances**

Speaker

Arnaud Beck

09:50-10:10 **Smilei: Running on GPU**

Speaker

Charles Prouveur

10:10