Programme du Congrès

METTI[9] Advanced Autumn School - Thermal Measurements and Inverse Techniques

Obernai, 3-8 October 2027

« Thermal measurements and inverse techniques »

Monday 4 October 2027

8h00-8h15

Welcome

8h15-9h00

L1 - Getting started with problematic inversions with three basic examples

9h00-10h30

L2 - Advanced measurements with contact in heat transfer: principles, implementation and pitfalls

10h30-10h50

Coffee Break around posters

10h50-12h20

L3 - Basics for linear inversion, the white box case

12h20-13h30

Lunch

13h30-16h40

Free time

16h40-18h10

Tutorial session 1

18h10-18h30

Pause

18h30-20h00

Tutorial session 2

Tuesday 5 October 2027

8h30-10h00

L4 - Measurements without contact in heat transfer

10h00-10h45

Coffee Break around posters

10h45-12h15

L5 - Non linear parameter estimation problems: tools for enhancing metrological objectives

12h15-13h30

Lunch

13h30-16h40

Free time

16h40-18h10

Tutorial session 3

18h10-18h30

Pause

18h30-20h00

Tutorial session 4

Wednesday 6 October 2027

8h30-10h00

L6 - Inverse problems and regularized solutions

10h00-10h45

Coffee Break around posters

10h45-12h15

L7 - Types of inverse problems, model reduction, model identification

12h15-13h30

Lunch

13h30-16h40

Free time

16h40-18h10

Tutorial session 5

18h10-18h30

Pause

18h30-20h00

Tutorial session 6

Thursday 7 October 2027

8h30-10h00

L8 - Optimization tools dedicated to function estimation in inverse heat transfer problems

10h00-10h45

Coffee Break around posters

10h45-12h15

L9 - The Use of Techniques within the Bayesian Framework of Statistics for the Solution of Inverse Problems

12h15-13h30

Lunch

13h30-16h40

Free time

16h40-18h10

Tutorial session 7

18h10-18h30

Pause

18h30-20h00

Tutorial session 8

Friday 8 October 2027

8h30-10h00

Tutorial session 9

10h00-10h30

Coffee Break around posters

10h30-11h30

Invited Conference : TBA

11h45-12h30

Closing session - Debriefing

12h30-13h30

Lunch

Légende des types de sessions

- Conférence plénière
- Sessions parallèles
- Ateliers / Posters
- Événements sociaux
- Pauses et repas
- Cérémonies