

HOMTech – PhD School on Optical Fiber Sensors – Program

Monday, June 5

- 13:00 – 14:00 Registration
14:00 – 14:15 Welcome
14:15 – 15:30 Introduction to the school
15:30 – 17:30 *Fundamentals on propagation in single-mode optical fibers*
Cristian Antonelli (University of L'Aquila, Italy)

Tuesday, June 6

- 08:30 – 10:15 *Rayleigh-based static sensing*
Luca Palmieri (University of Padova, Italy)
10:15 – 10:45 Coffee break
10:45 – 12:30 *Rayleigh-based dynamic sensing – DAS*
Thorben Jostmeier (Luna Inc., Germany)
12:30 – 14:00 Lunch
14:00 – 15:45 *FBG quasi-distributed sensing*
Luca Schenato (University of Padova, Italy)
20:00 Social dinner

Wednesday, June 7

- 08:30 – 10:15 *Brillouin sensing*
Lars Grüner-Nielsen (Technical University of Denmark, Denmark)
Thorben Jostmeier (Luna Inc., Germany)
10:15 – 10:45 Coffee break
10:45 – 12:30 *Raman DTS*
Karsten Rottwitt (Technical University of Denmark, Denmark)
Thorben Jostmeier (Luna Inc., Germany)
12:30 – 14:00 Lunch
14:00 – 15:45 *Biomedical applications of optical fiber sensors*
Daniele Tosi (Nazarbayev University, Kazakhstan)

Thursday, June 8

- 08:30 – 10:15 *Public speaking 1*
Grazia Maria Busà (University of Padova, Italy)
10:15 – 10:45 Coffee break
10:45 – 12:30 *Public Speaking 2*
Grazia Maria Busà (University of Padova, Italy)
12:30 – 14:00 Lunch

Friday, June 9

- 08:30 – 10:15 *Students' presentation session 1*
10:15 – 10:45 Coffee break
10:45 – 12:30 *Students' presentation session 2*
12:30 – 13:00 Closing remark
13:00 – 14:00 Lunch