

Nonlinear Optics and Nanophotonics

Programme

FIRST WEEK: November 25 to 29

Monday, November 25

8:00 – 9:30	Registration
9:30 – 11:00	Kivshar
11:00 – 11:30	Coffee break
11:30 – 13:00	Araujo
13:00 – 14:30	Lunch
14:30 – 16:00	Presentation of topics for Hands-on-activities - Kivshar
16:00 – 16:30	Coffee break
16:30 – 19:00	Hands-on activity – Convenor: Araujo

Tuesday, November 26

9:00 – 10:00	Araujo
10:00 – 11:00	Clerc
11:00 – 11:30	Coffee break
11:30 – 13:00	Turitsyn
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Convenor: Clerc
16:00 – 16:30	Coffee break
16:30 – 17:30	Discussion of common questions – Convenor: Turitsyn
17:30 – 19:00	Hands-on-activity

Wednesday, November 27

9:00 – 10:00	Turitsyn
10:00 – 11:00	Soriano
11:00 – 11:30	Coffee break

11:30 – 13:00	Clerc
13:00 – 14:30	Lunch
14:00 – 15:00	Colloquium - Yuri Kivshar: Shaping light with metamaterials
15:00 – 15:30	Coffee Break
15:30 – 16:30	Hands-on activity
16:30 – 17:30	Discussion of common questions – Convenor: Clerc
17:30 – 19:00	Hands-on activity –
Thursday, November 28	
9:00 – 10:00	Turitsyn
10:00 – 11:00	Kivshar
11:00 – 11:30	Coffee break
11:30 – 13:00	Soriano
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Convenor: Turitsyn
16:00 – 16:30	Coffee break
16:30 – 17:30	Discussion of common questions – Convenor: Soriano
17:30 – 19:00	Hands-on activity –
Friday, November 29	
9:00 – 10:00	Soriano
10:00 – 11:00	Kivshar
11:00 – 11:30	Coffee break
11:30 – 13:00	Clerc
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Presentations – Convenor: Kivshar
16:00 – 16:30	Coffee break
16:30 – 19:00	Hands-on activity– Presentations

Saturday and Sunday	
FREE	
SECOND WEEK: December 2 to 6	
Monday, December 2	
9:00 – 10:00	Masoller
10:00 – 11:00	Lipson
11:00 – 11:30	Coffee break
11:30 – 13:00	Gaeta
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity — Convenor: Masoller
16:00 – 16:30	Coffee break
16:30 – 17:30	Discussion of common questions – Convenor: Lipson
16:30 – 19:00	Hands-on activity
Tuesday, December 3	
9:00 – 10:00	Gauthier
10:00 – 11:00	Lipson
11:00 – 11:30	Coffee break
11:30 – 13:00	Molina
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Convenor: Gauthier
16:00 – 16:30	Coffee break
16:30 – 17:30	Discussion of common questions - Convenor: Gaeta
17:30 – 19:00	Hands-on activity –
Wednesday, December 4	

9:00 – 10:00	Ackemann
10:00 – 11:00	Gaeta
11:00 – 11:30	Coffee break
11:30 – 13:00	Gauthier
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Convenor: Ackemann
16:00 – 16:30	Coffee break
16:30 – 17:30	Discussion of common questions – Convenor: Molina
17:30 – 19:00	Hands-on activity
Thursday, December 5	
9:00 – 10:00	Molina
10:00 – 11:00	Masoller
11:00 – 11:30	Coffee break
11:30 – 13:00	Ackemann
13:00 – 14:30	Lunch
14:30 – 16:00	Hands-on activity – Presentations – Convenor: Masoller
16:00 – 16:30	Coffee break
16:30 – 19:00	Hands-on activity – Presentations
Friday, December 6	
9:00 – 9:45	Thorsten Ackemann - Dynamics and mode-locking of solitons in vertical-cavity semiconductor lasers with frequency-selective feedback
9:45 - 10: 30	Sergei Turitsyn - Ultra-long fibre lasers: Science and Applications
10:30 – 11:00	Coffee break
11:00 – 11:45	Cristina Masoller - Extreme intensity pulses in semiconductor lasers with optical injection or feedback.

11:45 – 12:30	Mario Molina – Bulk and Surface localized optical modes in the continuous band
12:30 – 14:00	Lunch
14:00 – 14:20	Felippe Barbosa: Beyond spectral homodyne detection: complete quantum measurement of spectral modes of light
14:20 – 14:40	Vitalie Eremnev: Quantum theory of an open-cavity laser considering the pumping statistics
14:40 – 15:00	Andrés Aragonese: Complex symbolic dynamics of semiconductor laser with optical feedback
15:00 – 15:20	Nilo Koscheck: Importance and use of the "frequency Comb" in ON DSHO
15:20 – 15:40	Coffee break
15:40 – 16:40	Vanderlei Bagnato – Biophotonics
	Closing address and Delivery of Prize to the best Poster
	Farewell Party