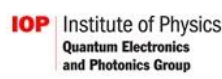


ColOpt Winterschool, 4th – 8th March 2019
Collective Effects, structured light and quantum matter

PROGRAMME	
Venue: Haus der bayerischen Landwirtschaft Herrsching	
Time	3rd March 2019
from 15:00	Check in
19:30	Dinner
Time	4th March 2019
08:30 – 09:30	Registration
09:30 -10:00	Welcome – T. Ackemann/ Programming Committee
10:00-10:30	Break
10:30 -13:00	T Esslinger (ETH Zuerich): Building quantum systems from scratch: supersolids and more
13:00 -14:00	Lunch
14:00 – 15:30	Peter Barker, (UCL) Levitated quantum optomechanics with nanoparticles
15:30 – 16:00	Break
16:00 – 17:30	Poster session 1
18:30	Dinner
Time	5th March 2019
09:00 – 10:30	T Esslinger: Building quantum systems from scratch: supersolids and more
10:30 – 11:00	Break
11:00-12:30	Francesco Piazza (MPI Dresden): Quantum Nonlinear Optics
12:30 – 13:30	Lunch
13:30-16:30	Free time
16:30 – 17:00	Travel by Bus from Venue to Kloster Andechs
17:00 - 20:00	Kloster Andechs Bierstube for beer and food
20:00 - 20:30	Return by bus to venue
Time	6th March 2019
09:00 – 10:30	Peter Barker, (UCL) Levitated quantum optomechanics with nanoparticles
10:30 – 11:00	Break
11:00 – 12:30	Susanne Yelin: Controlling light and matter using cooperative radiation
12:30- 13:30	Lunch
13:30 – 15:00	Andrew Forbes (Wits U): Manipulating Structured Light
15:00 – 15:30	Break
15:30 – 17:00	Francesco Piazza (MPI Dresden): Quantum Nonlinear Optics
17:00 -17:30	Break
17.30-18.15	Discussion session with speakers
18.15-20.15	Dinner/break
20:15 – 21:15	Andreas Aumann (BMW): From a PHD in AMO physics to a career in automotive management
Time	7th March 2019
09:00 – 10:30	Susanne Yelin: Controlling light and matter using cooperative radiation

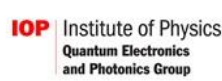




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10:30 – 11:00	Break
11:00 – 12:30	Andrew Forbes (Wits U): Manipulating Structured Light
12:30- 13:30	Lunch
13:30 – 15:30	Poster session 2
15:30 – 16:00	Break
16:00 – 17:00	Juergen Stuhler (Toptica Photonics): Careers in industrial laser development and quantum technologies
17:00-17:15	Break
17:15 – 18:45	Dr Graham D Bruce, St Andrews University
18:45 - 19:00	Selected short talk of from poster abstracts S.Grava
19:00-	Dinner
Time	8th March 2019
09:00 – 10:30	Monika Aidelsburger (LMU Munich, MPI Quantum Optics): Artificial gauge fields with ultracold atoms in optical lattices
10:30 – 11:00	Break
11:00 – 12:30	Alexandra Sheremet (Institut Langevin, ESPCI, Paris): Collective light-matter interactions
12:30- 13:30	Lunch
13:30 – 14:45	Selected short talks from poster abstracts:G.Baio, R.Lin, L.Ruks
14:45 - 15:15	Break
15:15-16.15	Discussion session with speakers
16:15- 16:30	Concluding remarks and prize announcements
18:30	Dinner
Time	9th March 2019
07:30 -08:30	Breakfast
09:00	Check out

Additional Sponsors



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