

QTea Technology Workshop 6-10th October 2013 NKT Photonics / DFM / DTU

Preliminary

Sunday 6th October at DFM/DTU Participants: ERs/ESRs		
TIME	TOPIC	SPEAKER
13:00–14:00	Lunch at DFM/DTU	
14:00–14:30	Welcome & presentation of QTea	Thomas Fernholz / Peter Krüger
14:30–16:00	ESR/ER kick-off meeting Practical issues, ER/ESR reportings, events, ...	Thomas Fernholz / Peter Krüger
16:00–16:30	Coffee break	
16:30–18:00	Motivation talk	External speaker, TBA

Monday 7th October at DFM/DTU Participants: ERs/ESRs and scientists in charge	
TIME	TOPIC
9:00–9:15	Welcome & practical information
9:15–10:30	Introduction of ERs/ESRs and their projects ¹ . UNOTT, BHAM
10:30–11:00	Coffee break
11:00–12:45	Introduction of ERs/ESRs and projects ¹ . CNRS, UHAM
12:45–13:30	Lunch
13:30–15:15	Introduction of ERs/ESRs and projects ¹ . IESL-FORTH, IBM, ARKEX
15:15–15:30	Coffee break
15:30–16:45	Introduction of ERs/ESRs and projects ¹ . NKT, TOPTICA, DFM
16:45–18:00	Management meeting (Thomas Fernholz) Secondments, Book project, Buddy system, Training events ...
19:30–	Dinner in Copenhagen (organised by DFM)

Tuesday 8th October at NKT (meeting room A) Participants: ERs/ESRs		
TIME	TOPIC	SPEAKER
9:00–9:45	Photonic Crystal Fibres	Christina Olausson (NKT)
9:45–10:30	Hollow-core fibres	Jens Lyngsø (NKT)
10:30–10:45	Coffee break	
10:45–11:30	Super continuum sources	Lasse Leick (NKT)

¹ The schedule is based on 30 min. for projects where an ER/ESR should have been employed according to the plan and 15 min. for the remaining projects. The schedule may be adjusted. The ER/ESRs are encouraged to introduce themselves and their projects with support from supervisors.

11:30–12:30	Lab tour at NKT	Christina Olausson (NKT)
12:30–13:30	Lunch	
13:30–14:30	Koheras fibre lasers and sensing	Jens Engholm (NKT)
14:30–15:15	Documentation and traceability in research - from a biotech point of view	Pernille Skouboe (Bioneer)
15:15–15:45	Coffee break	
15:45–17:15	How to start a company	Jes Broeng (DTU)
18:00–	Coffee break	

Tuesday 8th October at NKT (meeting room B)

Participants: scientists in charge

TIME	TOPIC
9:00–10:30	Management meeting (Thomas Fernholz)
10:30–10:45	Coffee break
10:45–11:30	Management meeting (Thomas Fernholz)
11:30–12:30	Lab tour at NKT
12:30–13:30	Lunch

Wednesday 9th October at DFM/DTU

Participants: ERs/ESRs

TIME	TOPIC	SPEAKER
9:00–10:30	Laser safety	Jan C. Petersen (DFM)
10:30–10:45	Coffee break	
10:45–11:30	The SI system – definitions and realisations before, now, and in the future.	TBA (DFM)
11:30–12:30	Traceability in measurements – the metrology infrastructure	Jan Hald (DFM)
12:30–13:30	Lunch	
13:30–14:30	Calculation of measurement uncertainty according to GUM	Lars Nielsen (DFM)
14:30–16:00	Multivariate data analysis	Lars Nielsen (DFM)
16:00–16:30	Coffee break	
16:30–18:00	Nano technology and metrology	TBA (DFM)

Thursday 10th October at DFM/DTU

Participants: ERs/ESRs

TIME	TOPIC	SPEAKER
9:00–10:00	Lasers and other optical sources	TBA (DTU)
10:00–11:00	Optical devices and non-linear materials	TBA (DTU)
11:00–11:15	Coffee break	
11:15–12:15	Fibre based sensors	TBA (DTU)
12:15–13:00	Lunch	
13:00–	Lab tours at DFM (optional)	