

Time	Wednesday, 9 September 2020				
08:30 - 09:00	Login to Webex Meeting room (Room Plenum) Every PhoenixD member, who registered to the Retreat, received an email with an invitation link. The conference is for members of PhoenixD only.				
09:00 - 09:10	Welcome Adress (Room Plenum) PhoenixD Spokesperson Uwe Morgner				
09:10 - 09:40	Talk I (Room Plenum) Speaker: Antonio Calá Lesina "Large-scale simulation of nanophotonic metasurfaces"				
09:40 - 09:50	Break				
09:50 - 10:30	Tandem I (Room Plenum) Speaker: Dmitrii Perevoznik + Ayhan Demircan "Modelling and realisation of optical tailored waveguides"				
10:30 - 10:40	Break				
10:40 - 11:10	Tandem II (Room Plenum) Speaker: Sebastian Bengsch + Birger Reitz "Optical Platform for Highly Precise Optical Components"				
11:10 - 11:20	Break				
11:20 - 12:00	Tandem III (Room Plenum) Speaker: Ihar Babushkin + Milutin Kovacev "Nonlinear Nanophotonics: simulation, realisation and application"				
12:00 - 13:30	Lunch Break				
	Parallel Poster Session in five different Webex rooms 30 PhoenixD members will present their Posters in 5 different Webex rooms. The presentation of a poster shall not exceed 3 minutes. The following 22 minutes the group has time to discuss the presented research and ask questions. Then each participant has 5 minutes to change to the next webex meeting room or stay in the same room and wait for the next researcher to present its poster.				
	Poster Session Room 1	Poster Session Room 2	Poster Session Room 3	Poster Session Room 4	Poster Session Room 5
13:30 - 13:55	1.1 Mariia Matushechkina "Modelling of metasurface mirror"	2.1 Zhu Yongyong "Concept for photoelastic modulators for ellipsometer utilizing phononic crystal cavities"	3.1 Holger Badorreck "From atomistic simulation to optical properties"	4.1 Florens Kurth "Organic Electro-Optical Chromophores for Waveguide Modulation"	5.1 Keno Pflieger "A Routing Algorithm for Additive Manufactured Planar Optical Networks"
13:55 - 14:00	Change Webex room or wait for next Poster Presentation to start in your room				
14:00 - 14:25	1.2 Marvin Treger "Modelling of metal-organic frameworks for optical applications"	2.2 Stephanie Willms "Simulation and Modelling of Heteronuclear Soliton Compounds"	3.2 Sebastian Kinnewig "Domain decomposition methods for the time-harmonic Maxwell equations with adaptive grid"	4.2 Sascha Fricke "Progressive Real-Time Reconstruction of Aperture Diffraction Patterns through Electromagnetic Field Sampling"	5.2 Florian Carstens "Electrically Tunable Thin-Film Filters for Integrated Optics"
14:25 - 14:40	Short Break (15 minutes) - Change Webex room or wait for next Poster Presentation to start in your room				
14:40 - 15:05	1.3 Axel Günther "VCSEL Based Near Field Sensor for Highly Sensitive Distance Measurements"	2.3 Zheng Lei "Development of UV-LED-based photolithography system for optical fabrication"	3.3 Konrad Bild "Analysis of Machine Tool Capabilities for Manufacturing of Optical Components"	4.3 Marc Kassubeck "Shape from Caustics"	Cancelled 5.3 Dennis Schmiele "Devices for embossing nanostructures"
15:05 - 15:10	Change Webex room or wait for next Poster Presentation to start in your room				
15:10 - 15:35	1.4 André Niebur "2D MoS2 and WS2 nanosheets"	2.4 Anna-Lena Deutsch "Syntheses and refractive index measurements of MOF single crystals"	3.4 Karen Hindricks "Photoresponsive MOFs: A Future Platform for Integrated Optics?"	4.4 Tasja Schwenke "Polymer Research for optical applications"	5.4 Jan Schmidtman "Magnetically guided machine actuator enables adaptive processes"
15:35 - 15:50	Short Break (15 minutes) - Change Webex room or wait for next Poster Presentation to start in your room				
15:50 - 16:15	1.5 Emil Agocs "High-Speed Spectroscopic Ellipsometer"	2.5 Nils Christian Kepler "Large Refractive Index Changes in Zeolite Imidazolate Framework ZIF-8"	3.5 Lars Klepzig "Colloidal 2D Nanoplatelets as Optoelectronic Materials"	4.5 Jan Güllink SMILE – Structured Micro Illumination Light Engines	5.5 Cevirgen Cihan "Developing a Concept for the Manufacturing Grid"
16:15 - 16:20	Change Webex room or wait for next Poster Presentation to start in your room				
16:20 - 16:45	1.6 Zhao Li "Novel Electro-optic Polymer Waveguide Modulator"	2.6 Tobias Biermann "Additive Manufacturing with Transparent Silicone Materials"	3.6 N.N.	4.6 Khodor Sleiman + Talash Malek "Laser Glass Deposition"	5.6 Christoph Schumann "Fluidic Self-Assembly for Fast Alignment"
16:45 - 17:00	Short Break (15 minutes) - Change Webex room or wait for next Poster Presentation to start in your room				
17:00 - 17:45	Room 1 Posters Authors-in-attendance	Room 2 Posters Authors-in-attendance	Room3 Posters Authors-in-attendance	Room 4 Posters Authors-in-attendance	Room 5 Posters Authors-in-attendance
17:45	End of day 1				

Agenda PhoenixD Retreat 2020

Time	Thursday, 10 September 2020			
08:30 - 09:00	Login to Webex Meeting room (Room Plenum) Every PhoenixD member, who registered to the Retreat, received an email with an invitation link + individual password. The conference is for members of PhoenixD only.			
09:00 - 09:10	Morning Welcome PhoenixD Spokesperson Uwe Morgner (Room Plenum)			
09:10 - 09:15	Parallel X-Group Meetings in four different Webex rooms Four X-Group Meetings will take place in four different meeting rooms. After attending the first X-Group meeting, every PhoenixD member is going change meeting rooms to attend a different X-Group meeting.			
	Room 1	Room 2	Room 3	Room 4
09:15 - 10:15	X-Group 1 Chair: Jannika Lauth Materials	X-Group 2 Chair: Ayhan Demircan Simulation	X-Group 3 Chair: Moritz Hinkelmann Production	X-Group 4 Chair: Detlev Ristau System Integration
10:15 - 10:45	Break (30 minutes) - Change Webex room			
10:45 - 11:45	X-Group 1 Chair: Jannika Lauth Materials	X-Group 2 Chair: Ayhan Demircan Simulation	X-Group 3 Chair: Moritz Hinkelmann Production	X-Group 4 Chair: Detlev Ristau System Integration
11:45 - 13:00	Lunch Break			
13:00 - 13:30	Wrap-up X-group meetings (Room Plenum)			
13:30 - 14:30	General Assembly (Room Plenum)			
14:30	End of PhoenixD Retreat 2020			