WEEK 1

GMT+8	13 October, Sunday	GMT+8	14 October, Monday	GMT+8	15 October, Tuesday	GMT+8	16 October, Wednesday	GMT+8	17 October, Thursday	GMT+8	18 October, Friday	19 October, Saturday
		7:45	Transfer from Holiday Inn and Westin to the main building	8:15	Transfer from Holiday Inn and Westin to the main building	8:15	Transfer from Holiday Inn and Westin to the main building	8:15	Transfer from Holiday Inn and Westin to the main building	8:15	Transfer from Holiday Inn and Westin to the main building	Cultural program
		8:00 8:45	Registration									
		8:45 9:15	School Opening Ceremony									
				8:45 9:30	Plenary Lecture **Che Ting Chan** *Topological photonic crystals: from nested crystals to disordered photonic alloys*	8:45 9:30	Plenary Lecture **Andrey Rogach** *Recent Improvements of Light-Emitting Perovskite Nanocrystals*	8:45 9:30	Plenary Lecture **Tie Jun Cui** *TBA*	8:30 9:00	Lecture **Juntao Li** *Metalens-Based Imaging*	
		9:15 10:00	Plenary Lecture **Yuri Kivshar** (online) *TBA*	9:30 10:00	Lecture **Meng Xiao** *Hidden dimension and topological mode shapeshifting enabled by nonlinearity*	9:30 10:00	Lecture **Giuseppe Leo** *Nonlinear generation of structured light with metasurfaces and thin films*	9:30 10:00	Lecture **Andreas Tittl** *Functional Nanophotonics with Spectrally Selective Metasurfaces*	9:00 9:30	Lecture **Xiangping Li** *Meta-optics for topological polarization textures*	
		10:00 10:30	Coffee break	10:00 10:30	Coffee break	10:00 10:30	Coffee break	10:00 10:30	Coffee break	9:30 10:00	Lecture **Chao Peng** *Light emission and manipulation enabled by the bound states in the continuum*	
		10:30 11:00	Lecture **Baile Zhang** *Photonic Axion Insulator*	10:30 11:00	Lecture **Shi-Wei Chu** *Super-resolution imaging via photo-thermo-optic nonlinearity and laser scanning microscopy*	10:30 11:00	Lecture **Dangyuan Lei** *Electromagnetic Symmetry, Optical Magnetism and Quantum Conductivity for Nanoscale Nonlinear Plasmonics*	10:30 11:00	Lecture **Mikhail Rybin** *Switchable Photonics Based on GeSbTe*	10:00 10:30	Coffee break	
			Lecture **Mengxin Ren** *Controllable SHG from Lithium Niobate Metasurfaces*		Lecture **Guixin Li** *Metasurface Diffractive Optics: From Linear to Nonlinear*		Lecture **Jin Liu** *Semiconductor Cavity Quantum Electrodynamics*	11:00 11:30	Lecture **Wenxin Wang** *TBA*	10:30 11:15	Plenary Lecture **Sailing He** *Meta-nano structures for sensing and programmable matrix of spectral pixels*	
		11:00 11:30		11:00 11:30		11:00 11:30		11:30 12:00	Lecture **Sergey Makarov** *Perovskite metaphotonics for lasing applications*			
		11:30 12:00	Lecture **Shuming Wang** *Optical imaging based on metasurfaces*	11:30 12:00	Lecture **Zhitao Liu** *Anti-disturbance Control for Dynamic Wireless Charging System in Electric Vehicles*	11:30 12:00	Lecture **Mikhail Zyuzin** *Resonant Nanoparticles for All-Optical Nanoscale Heating and Temperature Sensing in Cells*	12:00 14:00	Lunch	11:15 11:45	Lecture **Mikhail Lapine** *Metamaterials and effective material parameters: size and shape effects*	
		12:00 14:00	School photo — Lunch	12:00 14:00	Lunch	12:00 14:00	Lunch	14:00 15:00	Tutorial **Ivan Fernandez-Corbaton** *An Algebraic Approach to Light-Matter Interactions*	12:00 14:00	Lunch	
		14:00 14:30	Lecture **Qinghai Song** *TBA*	14:00 14:30	Lecture **Shulin Sun** *High-efficiency optical field manipulations with metasurfaces*	14:00 15:00	Tutorial **Maxim Gorkunov** *Designing Chiral Metasurfaces: The Art of a Light Touch*	15:00 15:30	Lecture **Mihail Petrov** *Optical Nonlinearities in Resonant Nanostructures and Metasurfaces*	14:00 14:30	Lecture **Pavel Belov** *Volumetric Resonator Based On Split Loops For Wireless Power Transfer*	
		14:30 15:00	Lecture **Ren-Min Ma** *Singular nanolasers: breaking diffraction limit in dielectrics*	14:30 15:00	Lecture **Yi Xu** *Kerker superscattering*			15:30 16:00	Coffee break	14:30 15:00	Lecture **Ekaterina Skorb** *Intellectual technology of infochemistry for materials development*	
		15:00 15:30	Lecture **Ivan Mukhin** *GaP Epilayers on Sapphire for Low-loss Integrated P hotonic Circuits*	15:00 15:30	Lecture **Dezhuan Han** *Optical Bound States: Symmetry, Hamiltonian and a Complex-frequency Approach*	15:00 15:30	Coffee break	16:00 18:00	Lab tour	16:00 18:00	Activities | Free time	15:00 17:00	HEU art museum and calligraphy Main Building, 6th floor	
16:00	Registration and Welcome reception	15:30 16:00	Coffee break	15:30 16:00	Coffee break	15:30 18:00						
		16:00 18:00	Poster session	16:00 18:00	Poster session	18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Gala dinner	
18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Dinner — Dinner with lecturers							
20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	

WEEK 1

WEEK 2

WEEK 2

GMT+8	20 October, Sunday	GMT+8	21 October, Monday	GMT+8	22 October, Tuesday	GMT+8	23 October, Wednesday	GMT+8	24 October, Thursday	GMT+8	25 October, Friday	26 October, Saturday
8:15	Transfer from Holiday Inn and Westin to the main building	8:00	Transfer from Holiday Inn and Westin to the main building	8:00	Transfer from Holiday Inn and Westin to the main building	8:00	Transfer from Holiday Inn and Westin to the main building	8:00	Transfer from Holiday Inn and Westin to the main building	8:00	Transfer from Holiday Inn and Westin to the main building	Departure day
8:45 9:15	Lecture **Gao Ke** *Organic Solar Cells: From Low-Bandgap Donor Materials to Mechanism Study*	8:30 9:30	Lecture Flexcompute	8:30 9:00	Lecture **Pavel Pankin** *TBA*							
9:15 9:45	Lecture **Jian-Hua Jiang** *Directly probing topology with wavefunctions*							8:30 10:00	Practical classes	8:30 10:00	Students' reports	
9:45 10:15	Lecture **Qiang Li** *Nanophotonic control of thermal radiation for infrared application*	9:30 10:00	Practical classes	9:00 10:00	Practical classes							
10:15 10:45	Coffee break	10:00 10:30	Coffee break	10:00 10:30	Coffee break	8:30 12:00	Interactive lecture **Yuri Gladysh** *TBA*	10:00 10:30	Coffee break	10:00 10:30	Coffee break	
10:45 11:15	Lecture **Maxim Gorlach** *Effective axion response in photonics and condensed matter*	10:30 12:00	Practical classes	10:30 12:00	Practical classes			10:30 12:00	Practical classes	10:30 12:00	Students' reports	
11:15 11:45	Lecture **Lei Jin** *TBA*											
11:45 12:15	Lecture **Wei Liu** *Scattering Evolutions Driven by Geometric Phase*											
12:15 14:15	Lunch	12:00 14:00	Lunch	12:00 14:00	Lunch	12:00 14:00	Lunch	12:00 14:00	Lunch	12:00 14:00	Lunch	
14:15 15:45	Practical classes	14:00 15:30	Practical classes	14:00 15:30	Practical classes	14:00 15:30	Practical classes	14:00 15:30	Practical classes	14:00 15:30	Closing Ceremony	
15:45 16:15	Coffee break	15:30 16:00	Coffee break	15:30 16:00	Coffee break	15:30 16:00	Coffee break	15:30 16:00	Coffee break	15:30 16:00	Coffee break	
16:15 18:00	Activities | Free time	16:00 18:00	Activities | Free time	16:00 18:00	Activities | Free time	16:00 18:00	Activities | Free time	16:00 18:00	Activities | Free time	16:00 18:00	Activities | Free time	
18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Dinner	18:00 20:00	Dinner	
20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	20:00	Transfer from the main building to Holiday Inn and Westin	