



Program

June-23

8:00	9:00	Registration
9:00	9:20	Opening remarks
9:20	10:40	Fiber laser technology
9:20	10:00	Keynote: Dr. Bryce Samson, Nufern, Recent Progress on Fiber Lasers and Amplifiers Operating at 1 and 2 Micron.
10:00	10:40	Keynote: Prof. Almantas Galvanauskas, University of Michigan, Coherent frequency-domain and time-domain waveform synthesis - a path to fiber-array based TW peak power sources.
10:40	11:00	Coffee break
11:00	12:40	Components for fiber lasers
11:00	11:20	Dr. Alexei L. Glebov, Optigrate, Volume Bragg Gratings: components for high power and high energy laser systems
11:20	11:40	Mr. Mike Harju, AFL Global, CO2 Laser based Glass Processing for High Power Fiber Component Fabrication and Splicing
11:40	12:00	Mr. Nigel Holehouse, 3SP/ITF, High power components
12:00	12:20	Dr. Baishi Wang, Vytran, Recent advances in fiber glass processing and fused component technologies for fiber laser applications
12:20	12:40	Dr. Andrew D. Yablon, Interfiber Analysis, New Fiber Characterization Technologies for Fiber Lasers
12:40	13:40	Lunch break
13:40	15:00	Ultrafast fiber lasers
13:40	14:20	Keynote: Prof. Frank Wise, Cornell University, High-Performance Femtosecond Fiber Lasers Based on New Pulse Evolutions
14:20	15:00	Keynote: Prof. Jens Limpert, Friedrich Schiller University, Performance Scaling of Femtosecond Fiber-Laser Systems (A Path to Joule-Class High Repetition Rate Ultrafast Lasers)
15:00	16:00	Coffee break + poster session
16:00	17:20	Fiber Laser Wavelength Conversion
16:00	16:20	TBA
16:20	16:40	Dr. Eran Inbar, V-Gen, Advances in High Power Green, UV, and Yellow Fiber Lasers
16:40	17:00	Dr. Davide Mazzotti, Istituto Nazionale di Ottica (INO) - CNR, Ultra-stable mid-IR sources for high-sensitivity/precision molecular spectroscopy
17:00	17:20	Dr. Zachary Sacks, Elbit Systems, Improving efficiency of fiber laser pumped OPOs by pump pulse shaping
17:20	18:00	Reliability of Fiber Systems
17:20	17:40	TBA
17:40	18:00	TBA

June-24

8:00	9:00	Registration
9:00	9:10	Opening remarks
9:10	10:50	Specialty Fibers
9:10	9:50	Keynote: Prof. Philip Russel, Max Planck Institute for the Science of Light, Frequency Conversion Via Enhanced Light-Matter Interaction in Fibre Microstructures
9:50	10:10	Dr. Borut Lenardic, Optacore, Vapor phase methods for fabrication of specially doped optical fiber
10:10	10:30	TBA
10:30	10:50	Dr. Ossi Kimmelma, Nlight, Ytterbium doped 3C™ large-mode-area fibers and fiber amplifiers
10:50	11:20	Coffee break
11:20	12:40	High Power fiber lasers
11:20	12:00	Keynote: Prof. Andreas Tunnermann, Friedrich Schiller University, Technical Advances and Future Prospects of Fiber Lasers and amplifiers
12:00	12:20	Dr. Cesar Jauregui, Friedrich Schiller University Jena, Mode instabilities in high-power fiber laser systems
12:20	12:40	Dr. Marc Mermelstien, MDM Optics, Acoustic anti-guiding and gain-segmentation techniques for SBS suppression in kW-class optical fiber amplifiers
12:40	13:40	Lunch break
13:40	15:20	Diodes Lasers
13:40	14:00	Mr. Erik Zucker, JDSU, High-brightness, fiber-coupled laser diode components for fiber laser pumping
14:00	14:20	Mr. Jorg Neukam, Dilas, High Power, High Brightness Fiber Coupled Diode Laser Pump Sources
14:20	14:40	Dr. Noam Rappaport, SCD, High-Power and High-Brightness Diode Lasers and Fiber-Coupled Lasers Across the 800nm-1100nm Spectrum
14:40	15:00	Mr. Michael Atchley, nLight, High-Power Fiber-Coupled Diode Lasers with Superior Brightness, Efficiency, and Reliability
15:00	15:20	Mr. Gabriel Yavor, Optical Pulse Machines, Advanced seeders for fiber lasers
15:20	15:50	Coffee break
15:50	17:30	Fiber Laser Application
15:50	16:10	Mr. Yuval Berg , Orbotech, Temporal pulse shaping for smoothing of printed metal surfaces
16:10	16:30	Dr. Yuxing Zhao, Delphi Laser Micromachining, Development of Fibre lasers and Applications in China
16:30	16:50	Mr. Doron Sinai, V-Gen, Advanced Scribing Applications with Fiber Lasers
16:50	17:10	Dr. Kalle Ylä-Jarkko, Corelase, Industrial multikilowatt fiber lasers and fiber laser systems
17:10	17:30	Dr. J. Scheuer, TAU, Ultra-long fiber laser (UFL) for practically secure key distribution
15:50	17:30	Beam combining of fiber lasers
15:50	16:10	Dr. Alain Barthelemy, XLIM Research Institute, Multispectral amplification in a multicore Ytterbium doped fiber and coherent femtosecond pulse synthesis
16:10	16:30	Prof. Ami Ishaaya, BGU, Intracavity Coherent Combining of ns Pulsed PCF Lasers
16:30	16:50	Prof. Asher Friesem, WIS, Passive beam combining of fiber lasers

16:50	17:10	Dr. Benayahu Urbach, Civan, Active coherent combining of tapered amplifiers
17:10	17:30	Dr. Yariv Shamir, Soreq NRC, Intra-fiber mode combining schemes, demonstrating high power brightness preservation and coherent-coupling brightness enhancement
17:30	18:40	Panel + Happy Hour: Future of fiber lasers

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