

IFLA III 1st day Apr. 1st 2019

	Time	Session	
	11:30-13:00	Session 1: Specialty fiber (Chair: Dr. Yoav Sintov, Soreq NRC)	
		Speaker	Title
1	11:30-12:00	John Ballato, Clemson University, US (Keynote)	Materials Development for Advanced Optical Fibers
2	12:00-12:20	Axel Schülzgen, CREOL, US (Invited)	Image Transport through Glass-Air Disordered Optical Fiber
3	12:20-12:40	Matthias Jäger, IPHT, Jena, Germany (Invited)	Large mode area fiber designs for Megawatt peak power generation in REPUSIL-based tapered amplifiers
4	12:40-13:00	Seongwoo Yoo, NTU, Singapore (Invited)	Mode area scaling through a multicore supermode fibre
	14:00-15:30	Session 2: Mid-IR Fibers and Sources (Chair: Prof. Amiel Ishaaya, Ben-Gurion University)	
		Speaker	Title
5	14:00-14:30	Jonathan knight, Univ. of Bath, UK (Keynote)	Silica-based hollow-core optical fibres: a new paradigm for the mid-infrared
6	14:30-14:50	Real Valle (Laval University), Canada (Invited)	Recent Advances in Mid-Infrared Fiber Lasers
7	14:50-15:10	Eric Geoffrion, Thorlabs, Canada (Invited)	Bringing infrared fiber components to the Market
8	15:10-15:30	Sergey Mirov, Univ. of Alabama, US (Invited)	Fiber-bulk hybrid mid-infrared lasers based on transition metal doped ceramic chalcogenides
	16:00-17:35	Session 3: Fiber lasers and applications I (Chair: Dr. Boaz Lissak, ElOp Elbit Systems Ltd.)	
		Speaker	Title
9	16:00-16:20	Andreas Tunermann/Jens Limpert, FSU, Jena, Germany (Keynote)	Prospects in power scaling of coherently coupled fiber lasers and amplifiers
10	16:20-16:40	Valery Philippov, Ampliconix, Finland (Invited)	Amplifiers and lasers with active tapered double clad fibers
11	16:40-17:00	Sergey Babin Novosibirsk State University, Novosibirsk (Invited)	Beam cleaning effects in multimode LD-pumped GRIN-fiber Raman laser
12	17:00-17:20	Shibin Jiang, AdValue, US (Invited)	High pulse energy single frequency 1.55micron fiber amplifiers
13	17:20-17:35	Yishai Albeck, Civan Ltd, Israel (Contributed)	Robust setup for generation of high-power CW green laser

IFLA III 2nd day Apr. 2nd 2019

	Time	Session	
	11:50-13:30	Session 4: Fiber lasers and applications II (Chair: Dr. Zachary Sacks, Belkin Lasers Ltd.)	
		Speaker	Title
14	11:50-12:20	Johan Nilsson Univ. Southampton UK (Keynote)	Unconventional high-power fiber lasers for improved wavelength coverage
15	12:20-12:40	Scott Christensen IPG Photonics, US (Invited)	Recent developments in high power industrial fiber lasers
16	12:40-13:00	Doron Barness, VGen, Israel (Invited)	Advanced fiber laser design with pulse-on-demand for next generation airborne LiDAR applications
17	13:00-13:20	Benayahu Urbach, Civan Ltd., Israel (Invited)	Multi KW, High Power Laser with Single Mode (SM) Dynamic Beam using Coherent Beam Combining (CBC)
18	13:20-13:30	Lihi Shiloh, TAU, Israel (Contributed)	Fiber Optic Distributed Acoustic Sensing (DAS) data processing via Artificial Neural Networks
	14:20-16:00	Session 5: Ultrafast fiber sources and related applications (Chair: Prof. Zeev Zalevsky, Bar Ilan University)	
		Speaker	Title
19	14:20-14:40	Almantas Galvanauskas, Univ. of Michigan, US (Invited)	Coherent Pulse Stacking Amplification – Extending Fiber Chirped Pulse Amplification by Two Orders of Magnitude
20	14:40-15:00	Mircea Guina, Tampere Univ., Finland (Invited)	The myths, the reality, and the unexplored potential of SESAM technology for mode-locking
21	15:00-15:20	Stefan Nolte, FSU, Germany (Invited)	Tailoring the spectral response in fibers by localized fs laser modifications
22	15:20-15:40	Benjamin Sprenger, Menlo Systems GmbH, Germany (Invited)	Asynchronous optical sampling technique for pump-probe measurements
23	15:40-16:00	Frank Wise, Cornell, US (Invited)	Megawatt single-mode lasers
	16:20-17:50	Session 6: Fiber components (Chair: Prof. Amiel Ishaaya, Ben-Gurion University)	
		Speaker	Title
24	16:20-16:40	Georgios Kakarantaz, TPCI, Athens, Greece (Invited)	Functionalized micro-nano-fibres and hybrid photonic crystal fibres: The role of new materials
25	16:40-17:00	Zeev Zalevsky, Bar Ilan Univ. Israel (Invited)	In-fiber speckle-based interferometry for fabric integrated, non-contact bio-sensor of vital signs
26	17:00-17:20	Tal Carmon, Technion, Israel (Invited)	Fiber coupling to moving-, levitating- and liquid-resonators
27	17:20-17:35	Roy Shen-Tzur, TAU, Israel (Contributed)	Improved sensitivity and spatial resolution in fiber Bragg gratings dynamic strain sensing system via Iterative Soft Thresholding Algorithm
27	17:35-17:50	Garry Berkovic, Soreq, Israel (Contributed)	High resolution heterodyne measurement of Phase Shifted fiber Bragg gratings