Program for EMN Victoria Meeting 2018 & Collaborative Conference on Laser Sources 2018		
14:00-17:30	**Sunday April 8** **Onsite registration & Sign up**	
Monday April 9		
Session: Droplets I Chair: Sven H. Behrens		
08:10-08:35	A01: Droplets and photonic materials	**Patrick Tabeling** ESPCI, France
08:35-09:00	A02: A mesoscale approach to the suppression of coffee-ring phenomena in drying droplets	**Itsuo HANASAKI** Tokyo University of Agriculture and Technology, Japan
09:00-09:25	A03: The Wetting Properties of Nanotextured Surfaces Derived from Block-Copolymer Self-assembly	**Rafael J. Taboryski** Technical University of Denmark, Denmark
09:25-09:50	A04: Superwettability of Gas Bubbles and Its Application: From Bioinspiration to Advanced Materials	**Jingming Wang** Beihang University, China
09:50-10:05	Session Break	
Session: EMN General Chair: Colm Durkan		
10:05-10:30	A05: Size-dependent resistivity of graphene nanowires	**Colm Durkan** University of Cambridge, UK
10:30-10:55	A06: New processing concept of SiC, GaN and Diamond substrates for the next generation semiconductors, and its future perspectives	**Toshiro K. Doi** Kyushu University, Japan
10:55-11:20	A07: Constructiing a Lower Objective Function Minimum by Post Processing D-Wave Samples	**John E. Dorband** University of Maryland, USA
11:20-11:45	A08: Excellent thermoelectric properties induced by different contact geometries in phenalenyl-based single-molecule devices	**ChangYong Chen** Shaoguan University, China
12:00	Lunch Break	

Monday April 9		
Session: Lasers I Chair: Martin Smrž		
13:30 -13:55	A09: Electrically pumped InP nanomembrane-based photonic bandedge lasers on silicon	**Mattias Hammar** KTH Royal Institute of Technology, Sweden
13:55 -14:20	A10: New Specialty Fiber and New Wavelength Fiber Lasers	**Yasushi Fujimoto** Chiba Institute of Technology, Japan
14:20-14:45	A11: Optical vortex laser sources and their applications	**Takashige Omatsu** Chiba University, Japan
14:45-15:10	A12: Versatile Experimental Pump-Probe Laser for the European XFEL User Facility	**Max J. Lederer** European XFEL GmbH, Germany
15:10-15:35	A13: Status of the J-KAREN-P facility laser performance	**Hiromitsu Kiriyama** National Institutes for Quantum and Radiological Science and Technology, Japan
15:35-15:55	Session Break	
Session: High power lasers and applications Chair: Max J. Lederer		
15:55-16:20	A14: High power laser systems for new generation of laser –plasma particles accelerators	**Vladimir Chvykov** ELI-HU Non-Profit Ltd., Hungary
16:20-16:45	A15: High power picosecond radiation sources covering UV to mid-infrared spectral range at Hilase facility	**Martin Smrž** Institute of Physics of the Czech Academy of Sciences, Czech Republic
16:45-17:10	A16: Repeatable high-pulse-energy solid-state laser in the next generation	**Junji Kawanaka** Osaka University, Japan
17:10-17:35	A17: High brightness and high power diode laser with photonic crystal microstructure	**Wanhua Zheng** Institute of Semiconductors, CAS, China
17:35-18:00	A18: Switching technology for high power and high-average power laser systems	**Jun Zhang** China Academy of Engineering Physics, China
18:00-18:25	A19: High-power fiber laser system for low-energy RHIC electron cooling at BNL	**Zhi Zhao** Brookhaven National Lab, USA
18:25	Dinner Social	

Tuesday April 10		
Session: Biomedical and Life Science		**Chair: Natalie Gugala**
08:10-08:35	A20: Potential of metal based antimicrobials as solutions to the AMR era	**Natalie Gugala** University of Calgary, Canada
08:35-09:00	A21: Addressing antimicrobial use and resistance in poultry production: A multifaceted challenge	**Marie-Lou Gaucher** Université de Montréal, Canada
09:00-09:15	A22: Quantum public-key cryptosystems based on induced trapdoor one-way transformations	**Rokas Žalnėravičius** ICentre for Physical sciences and Technology, Lithuania
09:15-09:40	A23: Acacia honey has Wound healing and inhibited bacterial activity	**Abd Al Monam Mohamed Idres** Al Guthami Foundation, Saudi Arabia
09:40-10:05	A24: The promising antibacterial activity of some Saudi Arabia honeys	**Ahmed G. Hegazi** National Research Centre, Egypt
10:05-10:20	A25: Assessment of antibiotic resistance, extended spectrum beta lactamase genes and predominant pathotypes among E. coli from wastewater treatment plant and receiving water body	**Adegoke AA** Durban University of Technology, South Africa
10:20-10:35	Session Break	
Session: Droplets II		**Chair: Patrick Tabeling**
10:35-11:00	A26: Wave chaotic modes in a Penrose unilluminable room optical microcavity	**Takehiro Fukushima** Okayama Prefectural University, Japan
11:00-11:25	A27: Droplet Interactions with Particles and Bubbles in Aqueous Media	**Sven H. Behrens** Georgia Institute of Technology, USA
11:25-11:50	A28: Oblique drop impacts on superhydropobic surfaces: predicting the spread diameter and restitution coefficient	**Damon Aboud** McGill University, Canada
11:50-12:05	A29: Molecular Dynamics Simulation of Nanodroplet Containing dsDNA	**Dongqing Si** Shanghai University, China
12:05	Lunch Break	

Tuesday April 10		
Session: Droplets III Chair: Rafael J. Taboryski		
14:00-14:25	A30: Multiplex Chemotyping Microarrays (MCM)	**Sun Choi** Korea Institute of Science and Technology, Korea
14:25 -14:50	A31: Acceleration of macroscopic contact line of droplet spreading on smooth substrate induced by interaction with a spherical particle	**Ichiro UENO** Tokyo University of Science, Japan
14:50 -15:15	A32: Experimental observation of high-temperature droplet impacts on solid surfaces	**Simon GOUTIER** University of Limoges, France
15:15-15:40	A33: Photoactivation of Interfacial Tension Gradient for Advanced Droplet Manipulation	**Masahiro Motosuke** Tokyo University of Science, Japan
15:40 -16:05	A34: Breakup of liquid filaments on substrates: Transition from single droplet collapse to multi-droplet breakup	**Shahriar Afkhami** New Jersey Institute of Technology, USA
16:05-16:20	A35: Imbibition of model porous media by high viscous droplets	**Quentin Bernabé** Institut de Science des Matériaux de Mulhouse (IS2M), France
16:20-16:45	**Poster Session**	
Session: Lasers II Chair: Jun Zhang		
16:45-17:10	A36: Investigation on the optimal parameters for diode pumped potassium vapor laser	**Rongqing Tan** Institute of Electronics, Chinese Academy of Sciences, China
17:10-17:35	A37: Generation of novel beams and their applications in femtosecond laser micromachining	**Xiao-Long Liu** Academy of Opto-Electronics, CAS, China
17:35-17:50	A38: Performance of a 20kJ class nanosecond laser system	**Junpu Zhao** Research Center of Laser Fusion, CAEP, China
18:00	Dinner Social	

Poster Session **Tuesday April 10** 16:20-16:45		
P:01	Understanding expression characteristics of Na+/K+-ATPase alpha isoforms in heat stressed mammary epithelial cells of riverine buffaloes (Bubalus bubalis)	**Ramneek Kaur** Dev Samaj College for Women, India
Wednesday, April 11		
One-Day Excursion: Nature, Culture, and Collaboration		