Time		Wednesday, September 25th , 2019				Time
		NEFELI HALL	DELPHI	JUPITER HALL	ATHENA HALL	
08.30						08.30
08.45-09.00	JUPITER HALL	**Plenary 4** **Intelligent and precise flow control for next-generation microfluidic POC diagnostics** Emmanuel Delamarche IBM Research Zurich, Switzerland				08.45-09.00
09.00-09.15						09.00-09.15
09.15-09.30						09.15-09.30
09.30-09.45	JUPITER HALL	**Plenary 5** **The Revolution of Silicon Photonics** Michal Lipson Columbia University, USA				09.30-09.45
09.45-10.00						09.45-10.00
10.00-10.15						10.00-10.15
10.15-10.30		**COFFEE BREAK**				10.15-10.30
10.30 -10.45						10.30 -10.45
10.45 -11.00		**Session A4: 3D Lithographies** **Emergent Magnetic Monopoles in a Macroscopically Degenerate 3D Artificial Spin Ice** Dhuey S.	**Session B4:Wetting II** **INVITED: Wettability-Patterned Surfaces for Pumpless Handling of Fluid Microvolumes: Lab-on-Chip and Heat Transfer Applications** Megaridis C.	**Session C4: Physical Sensors** **Suspended intracellular pressure sensor with a reference cavity** Arjona M.	**Session D4: Lab-on a chip Technologies** **Lab-on-a-chip device for single-molecule analysis of a cell** Marie R.	10.45 -11.00
11.00-11.15		**Fabrication of 3D scaffolds reproducing intestinal epithelium topography by high-resolution 3D stereolithography** Malaquin L.		**Microfabrication of a MEMS accelerometer with two-thick functional layers** Garcia I.	**Sensitive and rapid PCB-based microfluidic platform for monitoring urinary tract infections** Chatzandroulis S.	11.00-11.15
11.15-11.30		**Novel and versatile prototyping routes for polymeric hybrid and biconvex micro-optics** Wolf J.	**Towards long-lasting underwater superhydrophobicity of micro-nano textured surfaces: Plastron thickness observation using white light reflectance spectroscopy** Smyrnakis A.	**Simple fabrication of highly sensitive capacitive pressure sensors using a porous dielectric layer with cone-shaped patterns** Kim Y.	**Bioanalytical Platforms Based on Combining Microfluidics and Nano-Optical Sensors for Real-Time and Multiplexed Detection of Protein Markers and Molecular Chirality** Garcia-Guirado J.	11.15-11.30
11.30-11.45		**INVITED: Laser-based 3D printing at the nanoscale** Farsari M.	**Biomimetic architectures for entrapping air underwater using wetting materials** Das R.	**The effect of cracked alumina substrate on high sensitive Pt nanoparticles strain sensor** Aslanidis E.	**INVITED: Acoustofluidics - A sound approach to liquid biopsies** Laurell T.	11.30-11.45

Time		Wednesday, September 25th , 2019				Time
11.45-12:00			**Engineering of nanostructured polymer surfaces with enhanced wetting properties** Taboryski R.	**Development of Microscale Magnetic Actuators** Cui J.		11.45-12:00
12.00-12:15		**Lunch Break**				12.00-12:15
12.15- 12:30						12.15- 12:30
12.30-12:45						12.30-12:45
12.45-13:00						12.45-13:00
13.00-13.15		**Session A5: Miscellaneous** **Fabrication of 3D anisotropic dry adhesive microstructures based on 2PP for application in space** Busche J.	**Session B5: Industrial** **INVITED: Patterned Structures and Nanolaminate Hybrid Architectures from Plant-sourced Nanocellulose for Optoelectronics** Tammelin, Tekla VTT Technical Research Center, Finland	**Session C5:Energy harvesting Devices** **Enhanced responsivity of PN junction solarcells through graphene modification layer** Feng B.	**Session D5: Cells & Organ-on-chip II** **Influence of 3D microenvironment on cancer cells growth and invasion** Sergio S.	13.00-13.15
13.15-13.30		**Cleanroom in an SEM: in-situ pattern transfer** Jeevanandam G.		**Piezoelectric AlN-based fiber-optic devices for sensing and energy harvesting** Mariello M.	**Biomimetic aligned nanofibrous PVDF scaffolds for cardiac tissue engineering** Kitsara M.	13.15-13.30
13.30-13.45		**Protein Amyloid Fibrils Formation and Growth in Droplet with Confined Convection Flow on Super-hydrophobic Surface** Zhang P.	**Directed Assembly-based Printing of Nano and Microscale Electronics and Sensors** Busnaina A.	**Metal Oxide Interlayers for High Performance Inverted Perovskite Solar Cells** Choulis S.	**INVITED: From Cells-on-Chip to Chips-in-Cell: our fantastic "voyage"** Plaza, J. A.	13.30-13.45

Time		Wednesday, September 25th , 2019				Time
13.45-14.00		**A fully integrated tapered fiber optrode for simultaneous multipoint optical control and electrical readout of neural activity** Balena A.	**Proto-MIP – A Novel Route for MIP fabrication** Schranzhofer L.	**Fabrication of electrospun polyimide nanofibers and their application in triboelectric nanogenerators** Kim Y.		13.45-14.00
14.00-14.15		**Grayscale e-beam lithography for the fabrication of 3D microfluidic devices** Mortelmans T.	**Antireflective Moth-Eyes Structures on Freeform Surfaces fabricated by Nanoimprint Lithography** Haslinger M.	**Accordion-shaped gesture sensing and energy harvesting device** Ören S.	**Combination of a biopolymer and UV-casting for production of a peripheral nerve implant containing an internal aligned microchannels array** Merino S.	14.00-14.15
14.15 - 14.30		**POSTER SESSION 2 (ODD NUMBERS) & Coffee break**				14.15 - 14.30
14.30-14.45						14.30-14.45
14.45-15.00						14.45-15.00
15.00-15.15						15.00-15.15
15.15-15.30						15.15-15.30
15.30-15.45						15.30-15.45
15.45-16.00						15.45-16.00
16.00 -16.15						16.00 -16.15
16.15 -16.30	**JUPITER HALL**	**Plenary 6** **Nanogenerators for self-powered systems and sensors** Wang, Zhong Lin Georgia Tech, USA				16.15 -16.30
16.30-16.45						16.30-16.45
16.45-17.00						16.45-17.00

Time		Wednesday, September 25th , 2019				Time
17.00-17.15		**Session A6: NIL & Novel Lithographies** **High throughput direct metal oxide nanopatterning by sol-gel soft-NIL in controlled atmosphere, and related applications** Grosso D	**Session B6: Nanofab for Bioapplications** **Direct Photoreduction of Gold Nanoparticles on SU-8 nanostructures** Lin C.	**Session C6: Photonic Structures** **Stretchable plasmonic rulers: Reversibly tuning the coupling strength of individual plasmonic nano-bowties on flexible substrates** Fleischer M.	**Session D6 Industrial** **Label-free imaging platform for rapid analysis of biomarkers** Duempelmann L.	17.00-17.15
17.10-17.30		**Sub-micron silver wires on non-flat polymer substrates fabricated by thermal imprint and back injection molding** Xie S.	**Micro- and nanostructures for ultrasoft neural interfaces** Osmani B.	**Enhancement of Photodetection Performance of Graphene by Photoreceptor Protein** Li T.	**A sensitive Lab-on-a-chip for pathogen detection using a simple colour-change DNA amplification reaction** Tsougeni K.	17.10-17.30
17.30-17.45		**Hydrogen Depassivation Lithography Exposure Physics** Randall J.	**BioBots: Light-controlled microtools for biological applications** Bunea A.	**Micro-lens array superpositions for level-line moirés** Walger T.	**Dimple structure to enable highly accurate microdroplet manipulation** Mogi K.	17.30-17.45
17.45-18.00		**Hard mask nanopatterns integrated into semiconductor manufacturing: A facile block copolymer methodology** Ghoshal T.	**Fabrication Methodology for Personalised Biodegradable Microneedle Array** Wu L.	**Nonplanar nanostructuring of tapered optical fibers for plasmonic neural interfaces** Pisano F.	**Platform for High Throughput manufacturing of Microfluidic Devices** Smolka M.	17.45-18.00
18.15						18.15
18.30						18.30
18.45						18.45
19.00						19.00
19.15						19.15
19.30		**Gala dinner**				19.30
19.45						19.45
20.00						20.00
20.15						20.15
20.30						20.30
20.45						20.45
21.00						21.00
21.15						21.15
21.30						21.30
21.45						21.45
22.00						22.00