

Microfluidics in their PRIME: Microfluidic Chips, Active Valves, Smart Sensors, and What Comes Next

14 Sept 2023
9:30-13:30

TUtheSky, Getreidemarkt 9
Vienna, AUSTRIA



PROGRAMME

Time	Topic	Speaker
9:00-9:30	Arrive / registration / coffee & tea	
9:30-9:40	Welcome	Peter Ertl (Designated Vice-Rector of TU Vienna, Chair of Advanced Microfluidics Initiative (AMI))
9:40-10:20	<ul style="list-style-type: none"> Advanced and versatile PRInting platform for the next generation of Microfluidic dEVICES (PRIME) 	Carlos Sánchez Somolinos (CSIC)
	<ul style="list-style-type: none"> Computational and Analytic Modelling for PRIME Actuation 	Carl Modes (MPI)
	<ul style="list-style-type: none"> Removing barriers in Organ-on-Chip 	Rosa Monge (BEOnChip)
10:20-10:40	Break	
10:40-11:40	PRIME's Key Exploitable Results	Chair: Carlos Sánchez Somolinos (CSIC)
	<ul style="list-style-type: none"> 4D printable light driven autonomous fluidic functions 	Ignacio Ochoa (UNIZAR)
	<ul style="list-style-type: none"> Ultrasensitive and selective biosensors with colorimetric thermal transducer 	Jesus Martinez de la Fuente (CSIC)
	<ul style="list-style-type: none"> Thermoplastic liquid crystal elastomer (LCE) actuators 	Sean Lugger (TU/e)
11:40-12:30	Roundtable Introductions and matchmaking	Chair: Clemens Wolf (BNN / AMI Coordinator)
	<ul style="list-style-type: none"> NextGenMicrofluidics: Platform for upscaling of microfluidic chips on foil substrates 	Anja Haase (Joanneum Research)
	<ul style="list-style-type: none"> Automation and flow control in microfluidic devices – application examples in Organ-on-a-Chip and medical diagnostics systems 	Maciej Skolimowski (Micronit)
	<ul style="list-style-type: none"> General introductions 	All
12:30-13:30	Networking lunch	

Find more details and register on our website: <https://www.project-prime.eu/event/final-event>



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