

# SPEED

in biological and biomedical imaging



Time	Title	Presenter
13:00-13:05	Welcome and Intro	
13:05-13:10	$^{13}\text{C}$ hyperpolarization through parahydrogen: metabolism investigation	Eleonora Cavallari, University of Turino
13:10-13:15	Single-cell optogenetics reveals leader cells at the top of the functional hierarchy of pancreatic $\beta$ -cells <i>in vivo</i>	Luis Fernando Delgadillo Silva, TU Dresden
13:15-13:20	Q&A for talks 1&2	
13:20-13:25	High-throughput <i>in vivo</i> imaging	Dieter Fuchs, VisualSonics
13:25-13:30	From Gray to Color: Insights in Vesicle Trafficking from a New Dimension at Confocal Speed	Julia Roberti, Leica
13:30-13:35	Q&A for talks 3&4	
13:35-13:40	ciliaFA: A research tool for automated measurement of high-speed ciliary beat frequency	Claire Smith, University College London
13:40-13:45	The need for speed in zebrafish behavioural analysis	Joana Loureiro, i3S - Instituto de Investigação e Inovação em Saúde
13:45-13:50	Q&A for talks 5&6	
13:50-13:55	Can high-speed cameras be applied in microscopy?	Gerhard Holst, pco.
13:55-14:00	Jetraw: raw image compression at the speed of light	Bruno Sanguinetti, Dotphoton AG
14:00-14:05	Q&A for talks 7&8	

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14:05-14:10	Fast volumetric mapping of human brain slices	Luca Pesce, European Laboratory for Non-linear Spectroscopy (LENS)
14:10-14:15	Imaging the thoughts	Inês Filipa Ferreira Diogo, Champalimaud Foundation
14:15-14:20	Q&A for talks 9&10	
14:20-14:25	More data, less time	Simone Lepper, Nikon Instruments Europe
14:25-14:30	High-speed volumetric imaging with minimal illumination	Sven Terclavers, Carl Zeiss Microscopy
14:30-14:35	Q&A for talks 11&12	
14:35-14:45	Voting <ul style="list-style-type: none"><li>• Best academic presentation (cash prize)</li><li>• Most relevant industry presentation</li></ul>	
14:45-15:00	Congratulations to the best presenter & Wrap-up	

Join via internet:

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