

SPEED

in biological and biomedical imaging



| Time | Title | Presenter |
|-------------|--|--|
| 13:00-13:05 | Welcome and Intro | |
| 13:05-13:10 | ^{13}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 β -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">• Best academic presentation (cash prize)• Most relevant industry presentation | |
| 14:45-15:00 | Congratulations to the best presenter & Wrap-up | |

Join via internet:

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