

PROGRAMME

8:00 | Arrival of guests and registration

9:00 | CIBM overview and 2022 achievements

Pina Marziliano, CIBM Executive Director

9:10 | fMRI in mice: what we learned and what we should know

Markus Rudin, ETHZ

9:40 | Molecular imaging: the gateway to precision medicine in neurodegeneration

Valentina Garibotto, HUG-UNIGE

10:00 | Treating brain hypometabolism

Sylvain Lengacher, Gliopharm

10:20 | Coffee break with posters and demos (CIBM Research Staff Scientists + PhD students + Collaborators + Exhibitors)

11:00 | Making neural networks for image reconstruction more trustworthy

Michaël Unser, EPFL

11:20 | Uncertainty estimation in medical image analysis

Ender Konukoglu, ETHZ

11:40 | Modelling tissue structure

Pierre Moulin, Roche

12:00 | Lunch break with posters and demos (CIBM Research Staff Scientists + PhD students + Collaborators + Exhibitors)

13:30 | Safer machine learning models for healthcare with out-of-distribution detection

Raphael Sznitman, University of Bern

14:00 | Multimodal neuroimaging to better understand stroke recovery

Friedhelm Christoph Hummel, EPFL

14:20 | Making sense of our senses

Micah Murray, CHUV-UNIL

14:40 | Multimodal brain imaging to probe and restore cognitive functions

Patrik Vuilleumier, UNIGE

15:00 | Coffee break with posters and demos (CIBM Research Staff Scientists + PhD students + Collaborators + Exhibitors)

15:40 | Chronic kidney disease & the CIBM

Jean-Paul Vallée, HUG-UNIGE

16:00 | Ketone in brain, heart and kidney metabolism – application of MRS and PET imaging

Bernard Cuenoud, Nestlé

16:20 | Implanted systems to restore neurological functions after spinal cord injury

Jocelyne Bloch, CHUV-UNIL

16:40 | Thinking inside the voxel, a new window into myelin water imaging

José P. Marques, Radboud University

17:00 | Inauguration of the new 7T MRI scanner at Campus Biotech

17:15 | Genesis of the project “Ambition Neurosciences”

Benoit Dubuis, Fondation Campus Biotech Genève

17:30 | The importance of diagnostics in tomorrow’s medicine

Bertrand Levrat, University Hospital of Geneva

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