CriTiCS WORKSHOP

“The challenges of multi-scale integration in Biology”

Round Tables & Chairmen
Day 1

1. Single-cell RNA-seq to analyse cell fate decision

Moderator: Dr. Alexander Skupin
Luxembourg Centre for Systems Biomedicine (Luxembourg)

2. Modelling dynamical systems

Moderator: Prof. Peter Ashwin
University of Exeter (Exeter, UK)

3. Critical transitions in Neuroscience

Moderator: Dr. Viktor Jirsa
Institute de Neuroscience des Systèmes (Marseille, France)

4. Machine Learning meets Mathematics

Moderator: Prof. Jeroen Lamb
Imperial College London (London, UK)

5. Microbial community as active matter

Moderator: Dr. Anupam Sengupta
Physics and Materials Science Research Unit (Luxembourg)
Day 2

6. High-dimensional data analysis
   
   **Moderator:** Prof. Luonan Chen
   Shanghai Institutes for Biological Sciences (Shangai, China)

7. Risk evaluation and management
   
   **Moderator:** Prof. Jang Schiltz
   University of Luxembourg (Luxembourg)

8. Cell-cell communication
   
   **Moderator:** Dr. Mirjana Efremova
   Wellcome Trust Sanger Institute (Cambridge, UK)

9. Time series analysis
   
   **Moderator:** Dr. Laurent Mombaerts
   Luxembourg Centre for Systems Biomedicine (Luxembourg)
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