Day 1:  Monday 14th October

4:30-5:30 pm  Registration
5:30-6:00 pm  Welcome Address - Dr. Florence Pojer, EPFL Lausanne
6:00-7:00 pm  Keynote Lecture  Prof. Martin Pilhofer, ETH Zurich  Multiscale models of bacterial cell-cell interactions
7:00-8:30 pm  Dinner
8:45-10:15 pm  Session 1: Biomolecular structure and mechanisms - Part I
   8:45 Helgi Schmitt  University of Tuebingen  Novel Antigen-Type receptor candidates of Polyomaviruses
   8:50 Edmund Cheng  PSI Villigen  Fast electron crystallography of protein 3D micro-crystals
   9:00 Simone Maleki  ETH Zurich  Architecture of the royal jelly protein filaments by cryogenic electron tomography and helical reconstruction
   9:15 Nikolai Ruchkin  University of Basel, Biozentrum  Structural insights into the archaell B-family KOD DNA polymerase
   9:30 Aila Kneip  University of Konstanz  Structural insights into the archaell B-family KOD DNA polymerase
   9:45 Martin Scherer  University of Basel, Biozentrum  Structure and mechanism of a pH sensing tetrahydrobiopterin-oxidoreductase
   10:00-10:15 am  Break
10:15-11:45 pm  Session 2: Instrumentation and methods - Part I
   10:15 Tedi Kozhina  PSI Villigen  Automated interpretation of cryoEM density maps with convolutional neural networks
   10:30 Santiago de la Puente  EPFL Lausanne  Computationally-assisted nanopore engineering for molecular sensing
   10:45 Paloma Vazquez  EPFL Lausanne  State of the art of protein tertiary structure prediction
   11:00-11:15 am  Break
11:15-12:45 pm  Session 3: Instrumentation and methods - Part II
   11:15 Fabio Sippa & Kevin Lau  Ceepsi AG & PTPSP  The importance of high-quality binding data when revealing insights light signaling
   11:30 Jesus Garcia  University of Basel, Biozentrum  Multi-approach benchmarking of macromolecular interactions
   11:45 Dimitri Bounous  University of Basel, Biozentrum  Structural insights into the archeal B-family KOD DNA polymerase
   12:00-12:15 pm  Break
12:15-2:30 pm  Lunch
2:30-4:00 pm  Excursion to Chaplin’s world (15 mins walking distance)
4:00-5:30 pm  Keynote Lecture  Dr. Gaia Barazzetti, University of Lausanne  Integrity and perverse incentives in scientific research
5:30-7:00 pm  Open Discussion on Scientific Integrity
7:00-8:30 pm  Dinner
8:45-10:15 pm  Session 4: Instrumentation and methods - Part III
   8:45 Davide Petrucco  PSI Villigen  Protein chemistry of the ribosome complex
   9:00 Hugo Muñoz Hernandez  EPFL Lausanne  Structural and biochemical study of the tRNA import machinery in Plasmodium
   9:15 Joao Barbosa  ETH Zurich  Mitoribosomal small subunit biogenesis in trypanosomes involves an extensive assembly machinery
   9:30 Martin Scherer  EPFL Lausanne  Structural basis of drug design on the anti-infective target DDX5 by combining crystallography and protein template-based computational chemistry
   10:00-10:15 am  Break
10:15-12:00 pm  Session 5: Biomolecular structure and mechanisms - Part II
   10:15 Adastra  PSI Villigen  Novel microbial design for crystallisation of macromolecules and their in situ analysis by serial crystallography
   10:30 Rocco Tosi  University of Basel  New microfluidic design for crystallisation of macromolecules and their in situ analysis by serial crystallography
   10:45 Patrick Pillot  University of Basel, Biozentrum  State of the art of protein tertiary structure prediction
   11:00-11:15 am  Break
11:15-12:45 pm  Session 6: Biomolecular structure and mechanisms - Part III
   11:15 Ana Navarro  University of Oxford  Multi-scale models of bacterial cell-cell interactions
   11:30 Beatriz Alonso  University of Würzburg  New insight into the structure-function relationships of Merkel Cell polyomavirus infection
   11:45 Julia Díaz-Ortiz  EPFL Lausanne  Structural and biochemical studies on ParB loading and spreading
   12:00-12:15 pm  Break
12:15-2:30 pm  Lunch
2:30-4:00 pm  Symposium on Scientific Integrity
4:00-5:30 pm  Keynote Lecture  Dr. Gaia Barazzetti, University of Lausanne  Integrity and perverse incentives in scientific research
5:30-7:00 pm  Open Discussion on Scientific Integrity
7:00-8:30 pm  Dinner
8:45-10:15 pm  Session 7: Biomolecular structure and mechanisms - Part IV
   8:45 David Ménard  University of Oxford  Multi-scale models of bacterial cell-cell interactions
   9:00 Adeline Delmotte  EPFL Lausanne  Structural and biochemical studies on ParB loading and spreading
   9:15 Roger Golden  University of Basel, Biozentrum  Structural basis of drug design on the anti-infective target DDX5 by combining cryoEM and protein template-based computational chemistry
   9:30 Fabio Sippa & Kevin Lau  Ceepsi AG & PTPSP  The importance of high-quality binding data when revealing insights light signaling
   10:00-10:15 am  Break
10:15-12:00 pm  Session 8: Instrumentation and methods - Part IV
   10:15 Marta Garbi  University of Basel, Biozentrum  Multi-scale models of bacterial cell-cell interactions
   10:30 Luciano Abriata  University of Basel  New insight into the structure-function relationships of Merkel Cell polyomavirus infection
   10:45 Florence Pojer  EPFL Lausanne  Structural and biochemical studies on ParB loading and spreading
   11:00-11:15 am  Break
11:15-12:45 pm  Session 9: Biomolecular structure and mechanisms - Part V
   11:15 Ivo van der Gught  University of Oxford  Multi-scale models of bacterial cell-cell interactions
   11:30 Beatriz Alonso  University of Würzburg  New insight into the structure-function relationships of Merkel Cell polyomavirus infection
   11:45 Ana Navarro  EPFL Lausanne  Structural and biochemical studies on ParB loading and spreading
   12:00-12:15 pm  Break
12:15-2:30 pm  Lunch
2:30-4:00 pm  Symposium on Scientific Integrity