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| Thursday 29th September |
| 8:30 | **Registration and Poster setup** |
| 9:25 | **Welcome session** |
| SESSION 1 |
| 9:30 | Ilya Levental University of Virginia USA*The molecular and structural asymmetries of living membranes* |
| 10:00 | Neus Sanfeliu-Cerdán ICFO Spain*A viscoelastic maturation of MEC-2/Stomatin condensates underlies transport and mechanotransduction* |
| 10:15 | Felix J. Meigel MPI-PCS Germany*Single particle kinetics describe organelle signalling pathway dynamics* |
| 10:30 | Liam Holt New York University USA*Phase transitions control, and are controlled by, the biophysical properties of the cell interior* |
| 11:00 | ***Coffee break*** |
| Bragg Lecturer |
| 11:40 | Tony Hyman MPI-CBG GermanyBiomolecular condensates in cell physiology and disease |
| 12:25 | **Lunch and Poster session** |
| SESSION 2 |
| 14:00 | Albert Cardona MRC-LMB UK*The mind of a maggot* |
| 14:30 | Clare Buckley University of Cambridge UK*Building and breaking the neural tube* |
| 15:00 | Veronica Biga University of Manchester UK*Multiscale, dynamic and spatially-periodic coordination of gene expression in spinal cord progenitor cells* |
| 15:15 | Pavan Ramdya EPFL Switzerland*Reverse-engineering Drosophila action selection and limb movement control* |
| 15:45 | ***Coffee break*** |
| SESSION 2 |
| 16:15 | Rashmi Priya Francis Crick Institute UKSculpting the Heart – multiscale interactions between Form, Forces, Fate and Function |
| 16:45 | Qiyan Mao Aix Marseille University FranceTension-driven multi-scale self-organisation in human iPSC-derived muscle fibers |

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| SESSION 2 cont. |
| 17:00 | Julien Vermot Imperial College London UK*Biomechanics and mechanotransduction during cardiac morphogenesis* |
| 17:30 | **Drinks and Poster Session** (*followed by dinner party at St Catherine College*) |

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| Friday 30th September |
| SESSION 4 |
| 9:30 | Edouard Hannezo IST Austria*Interplay between stem cell fate, tissue geometry and cell mechanics* |
| 10:00 | Matthew Turner University of Warwick UK*Deconstructing collective motion* |
| 10:15 | Tzer Han Tan MPI-MCG Germany*Emergent chirality in active solid rotation of pancreas sphere* |
| 10:30 | Anna Erzberger EMBL Germany*Surface mechanics and interface effects in the mouse embryo* |
| 11:00 | ***Coffee break*** |
| SESSION 5 |
| 11:30 | Laura Machesky University of Glasgow UK*Eating and walking - how cells sense and meet their energy demands*  |
| 12:00 | Leone Rossetti Institute of Bioengineering of Catalonia Spain*Collective migration of cells in minimal leader-follower systems under optogenetic control* |
| 12:15 | Elias Barriga IGC Portugal*Collective cell motion during tissue morphogenesis* |
| 12:45 | **Lunch and Poster session** |
| SESSION 6 |
| 14:00 | Nikta Fakhri MIT USANonreciprocal living matter |
| 14:30 | Adrien Hallou University of Cambridge UKSpatial mechano-transcriptomics of the early mouse embryo |
| 14:45 | Shannon Taylor University of Oxford UK‘Live modelling’ to understand zebrafish axial elongation  |
| 15:00 | Timothy Saunders University of Warwick UKExperimental and theoretical approaches to understanding cell shape changes during tissue morphogenesis |
| 15:30 | ***Coffee break*** |
| SESSION 7 |
| 16:00 | Kate Miroshnikova NIH USA*Nuclear deformation modulates stem cell fate by altering chromatin accessibility and gene expression* |
| 16:30 | Maria Alcolea Cambridge Stem Cell Institute UK*Epithelial cell fate plasticity; an oesophageal tale*  |
| 17:00 | **Prizes & closing remarks** |