Posters

1	Fatemeh Abbasi	**Mechanobiology of immune cell confined migration**
2	Syed Kaabir Ali	**Actin Shapes Nuclear Architecture During Ependymal Cell Differentiation**
3	Aimee Bebbington	**An active elastomer model captures the spatial dynamics of actomyosin oscillations during Drosophila abdominal morphogenesis**
4	Quentin Bédel	**Immunological synapse modelling : numerical mesoscale simulation accounting for the segregation of the TCR/pMHC and LFA1/ICAM1 molecular couples**
5	Komal Bhattacharyya	**Mechanical properties of microtubule in actin network**
6	Tina Borić	**Investigating effective cell membrane tension**
7	Laura Brinkmann	**Structure and mechanics of strained membrane-bound F-actin**
8	Nilay Cicek	**Flow Patterns in Actomyosin Droplets Routes to Self-Propulsion**
9	Joseph d'Alessandro	**Mechanical plasticity revealed by traction forces of migrating epithelial cell trains**
10	Saheli Dey	**Microtubule dynamics in the presence of actin networks**
11	Mohammad Amin Eskandari	**The mechanical heterogeneity of the intracellular active viscoelasticity**
12	Erbara Gjana	**Biophysics of phagocytosis in macrophages**

Posters

13	Roman Hajdu	**Effects of Confinement on Reconstituted Treadmilling Filaments**
14	Bram Hoogland	**Learning Cell-Cell interactions for Collective Cell Migration**
15	Agathe Jouneau	**From two to three cells: Are three-body interactions important in collective cell migration?**
16	Emily Klass	**Determination of active force densities in filament networks as an inverse problem for the Stokes equation**
17	Niklas Klatt	**Exploring Cortex Polarity: Mechanics and Fluidity via Inverse Cell Culture & Mesh Size Analysis of Cell Fragments**
18	Gabriel Knotz	**Entropy bound for time reversal markers**
19	Junjie Liu	**Dissecting energetic costs and flux partitioning in cytoskeleton self-organization**
20	Juraj Májek	**Treadmilling filaments: a new kind of active matter**
21	Malcolm Mehrabian	**Long Blebs in confined cell migration**
22	Raffaele Mendozza	**SGR active generalization for modeling cytoskeletal rheology**
23	Dalileh Nabi	**Bioenergetics costs of spindle self-organization**
24	Narinder Narinder	**Assessing the interplay of non-equilibrium fluctuations and viscoelasticity in living cells**

Posters

25	Seeralan Sarvaharman	**Thermodynamically consistent dissipative self-assembly: the dynamics of microtubule growth and catastrophe**
26	Pratima Sawant	**Response of confined vimentin filament networks to applied strain**
27	Krishna Iyer V S	**Processivity of myosin assemblies : ATP dependence and effect on network dynamics**
28	Yamini Vadapalli	**Mechanics of chromosome capture by actin and microtubules in oocyte meiosis**
29	Yannic Veit	**Dynamics of microtentacles in flow**
30	Tobias Weege	**Impact of Adhesion on a Minimal Actin Cortex**
31	Kathrin Welsch	**Mechanical interactions between neural stem cells and their niche**
32	Katrina Wharam	**Self-Organization in Microtubule-Motor Mixtures with Diverse Microtubule Lengths**
33	Shanay Zafari	**Investigating the mechanical properties of actin and vimentin networks through active microrheology**