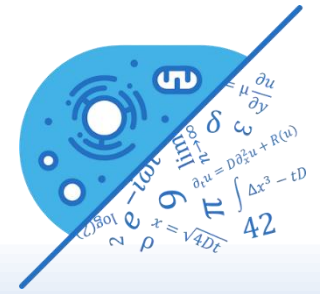




DGZ Focus Workshop

Workgroup Physics of the Cell



June 25, 2024 12:00-13:45 CEST Zoom-ID: 961 7810 6979 Passcode: DGZ_FW

12:00 Pierre Haas

Introduction

12:10 Shrishti Dar (research scientist, lab of Alba Diz-Muñoz, EMBL Heidelberg)

The missing link of surface mechanics: Membrane-to-cortex attachment protein caging triggers symmetry breaking in cells

12:30 Peter Hampshire (PhD student, lab of Ricard Alert, MPI-PKS Dresden)

An active gel model for amoeboid cells undergoing frictiotaxis

12:50 Markus Mukenhirn (postdoc, lab of Alf Honigmann, BIOTEC, TU Dresden)

Tight junctions regulate lumen morphology via hydrostatic pressure and junctional tension

13:10 Kavyon Pedram (group leader, Janelia Farm)

Live imaging of the extracellular matrix using a glycan-directed fluorophore

For questions on this focus workshop series ask Sandra Iden, [sandra.iden \[at\] uks.eu](mailto:sandra.iden@uks.eu).

Schedule of next events at <https://www.zellbiologie.de/workgroups/>