



Physics Colloquium

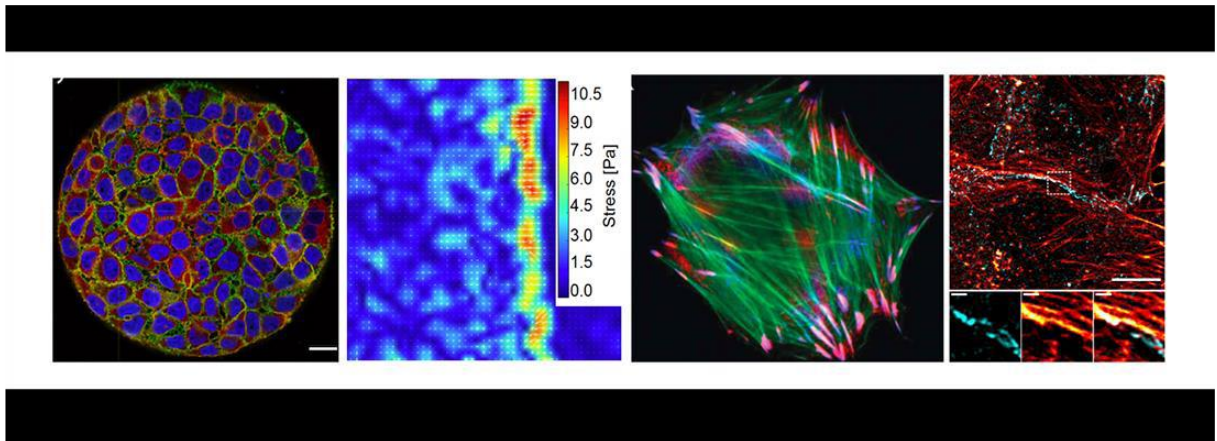
Tuesday, 10 December 2024 at 16:30

Prof. Dr. Dr. E. Ada Cavalcanti-Adam

University of Bayreuth

Forces in receptor-mediated cell adhesion

Over the past decades, advancements in the field of cell adhesion mechanobiology have revealed how cells interact with and respond to their physical environment. This talk will present our findings on the spatial and mechanical regulation of cell-matrix and cell-cell adhesion, and how these interactions affect cell behavior. The integration of multi-scale experimental approaches, ranging from the mechanical regulation of molecular adhesion to the influence of forces in the transition in multicellular systems, will be discussed.



Host: Prof. Dr. Josef A. Käs

Venue: Universität Leipzig, Faculty of Physics and Earth Sciences
04103 Leipzig, Linnéstraße 5, Small Lecture Hall

Everyone is welcome to a reception with coffee, drinks and cookies in the Aula following the talk.

For an up-to-date semester program, sign-up for the physics colloquium mailing list, and subscription to the digital calendars in CalDAV format, head to the colloquiums web page <https://www.phys.es.uni-leipzig.de/fakultaet/veranstaltungen>.

