PHYSIKALISCHES KOLLOQUIUM

des Fachbereichs Physik
der Johann Wolfgang Goethe-Universität Frankfurt

Mittwoch, den 18.07.2018, 16 Uhr c.t.
Großer Hörsaal, Raum _0.111,
Max-von-Laue-Str. 1

N o b e l p r e i s t r ä g e r

Prof. Dr. Joachim Frank

Frank Lab
Columbia University
New York, USA

"The future of cryo-EM"

Now that close-to-atomic resolution can be reached almost routinely in many cases, single-particle cryo-EM is about to fill a large gap in the structural database, and this will have a significant impact on the war chest of Molecular Medicine. In terms of future developments I'd like to single out two promising directions: time-resolved cryo-EM (the ability to image short-lived states), and mapping of a continuum of states of a molecule (especially molecular machines) in a system in equilibrium.

Die Dozenten der Physik

local host: Prof. Dr. Horst Schmidt-Boecking, hsb@atom.uni-frankfurt.de