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BIOPHYSICS SEMINAR SERIES

May 12th, at 11.00 AM in BSP 407

Dr. Jean-Nicolas Longchamp
University of Zürich, Switzerland

Imaging proteins at the truly single molecule level

Imaging a single protein has been a long-standing dream for advancing structural biology and with this various fields in natural science. Here I will show that, sub-nanometer resolved images of individual folded proteins have been obtained for the first time. Electrospray ionization for the specific selection and sound deposition of individual proteins onto ultraclean freestanding graphene in an ultra-high vacuum environment and low-energy electron holography for the non-destructive imaging are combined in a novel experimental workflow

Professor inviting: Prof. Giovanni Dietler, LPMV

Are held on the last Thursday of each month

Link: <http://ipsb.epfl.ch/biophysics-seminar-series>