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Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



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NANOFLUIDIC SCATTERING MICROSCOPY

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A new microscopic technique – Nanochannel Scattering Microscopy (NSM) will be described. This technique enables direct imaging of a freely moving small biomolecule in real-time down to 100 kDa. The device works like a nanoflow cytometer where every individual biomolecule is visualized and also its size and the molecular weight is determined. It could be used in applications such as single-molecule mass-spectrometry, investigation of biomolecular interaction, or particle counting.

10th December 2020, 3:30 pm (CET)

Link for joining the event (MS Teams): https://bit.ly/nabiam_lectures_2020-12-10