

**T h e
I N N O L E C
L E C T U R E S H I P**

Invites you to special lecture

Dr. Suzana Šegota

Laboratory for Biocolloids and Surface Chemistry

Ruđer Bošković Institute, Croatia

**Tuning the membrane elasticity by the ionic
strength of surrounding media**

Wednesday November 29th, 2017, 13:00

University Campus Brno-Bohunice

Kamenice 5 – **building A35 (CEITEC MU) – room 211**

- **Biophysical behaviour of lipid membranes - fundamental importance in controlled exchange of information and energy**
- **Lipid membranes involvement in mechanical events - cell adhesion, fusion, growth, and migration.**
- **Model membranes - liposomes and supported lipid bilayers (SLB)**
- **Study of lipid membrane properties - surface potential, dipole potential, phase transitions and structure and dynamics**
- **Effect of surrounding media**

Monolayer of liposomes on mica, AFM image

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