

New dimensions in QNM for surface engineering and IR nanospectroscopy for bio-molecules

April 15th 2021 | 9:30 AM – 6:00 PM

Oral lectures: Waaier 2 (Breedveldzaal)

- 9:30 - 9:35** **Welcome Address**
Sergey Lemeshko, Bruker Nano Surfaces and Metrology, Benelux
- 9:35 -10:35** *“AFM Nanomechanics in Polymer Research”*
Prof. Julius Vancso, Dr. Hubert Gojzewski, University of Twente
- 10:35-10:45** Questions and Answers
- 10:45 -11:30** *“Infrared nanospectroscopy for biomaterials and biomolecules characterization”*
Dr. Simone Ruggeri, University of Wageningen
- 11:30-11:35** Questions and Answers
- 11:35 - 12:00** *“Introduction into AFM based nanoDMA technique”*
Mickael Febvre, Head of Bruker Nano Application Team Europe
- 13:00-18:00** **Practical sessions at NanoLab location NL 1.054. (IMS lab)**
Due to restrictions with number of people to access the lab, we will schedule practical session in shifts. Please send the message before the workshop that you want to participate and reserve a slot for practical sessions, and if you like to bring a sample.
- Session 1: first group of participants
13:00-14:00
- Session 2: second group of participants
14:00-15:00
- Session 3: third group of participants
15:00-16:00
- Session 4: fourth group of participants
17:00-18:00

To those who cannot attend lectures on 15th April at University of Twente **Waaier 2 (Breedveldzaal)** in person please see this Invitation **to join on-line** via this Microsoft Teams meeting:

[Click here to join the meeting](https://bit.ly/2P4F4vd) (or <https://bit.ly/2P4F4vd>)

Please contact Sergey Lemeshko sergey.lemeshko@bruker.com if you would like to make a test on your own QNM, nano-DMA during hands on trainings.

