



Life Sciences Seminar

Atomic force microscopy, soft matter and other matters

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Host: Martin Loose

In this seminar, I would like to present the versatility of the atomic force microscopy (AFM) when used in different fields such as soft matter, biophysics or biology.

I will present how AFM is utilized as a high resolution imaging device to characterize (macro)molecules at different interfaces (e.g. crystallization processes or lipid-protein interactions).

Furthermore, I will point out the advantages of the AFM when it is used as a mechanical device. In this part, I will talk about molecular forces, elasticity of macromolecules and cell mechanics.

Finally, I will point out different possibilities to combine the scanning probe microscopy with other microscopy techniques such as fluorescence microscopy and RICM.

Tuesday, February 21, 2017 11:00am - 12:00pm

Seminar Room, Lab Building East



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.