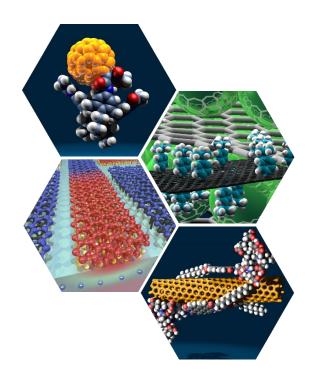


Seminar series of the Collaborative Research Centre (SFB) 953 «Synthetic Carbon **Allotropes**»



Cinematographic Study of **Chemical Events at the Single Molecular Level**

Dr. Dominik Lungerich

Center for Nanomedicine (CNM), Institute for Basic Science (IBS) & Advanced Science Institute Yonsei University, Seoul, South Korea

28th June 2022

5:15 pm

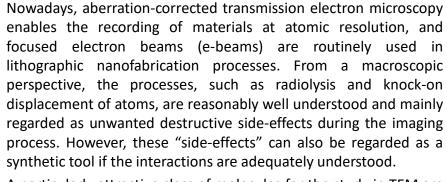
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A particularly attractive class of molecules for the study in TEM are fullerenes and related nanocarbon structures, as they are sufficiently stable to be observed for an extended period and their shape can be well recognized. The talk will focus mainly on recent discoveries of reaction mechanisms that proceed under the influence of the electron beam to form precise nanostructures

and how these structures are identified.







