

HORIZON 2020 RISE-RADON

"Irradiation driven nanofabrication: computational modelling versus experiment"

Kick off Meeting

Library at FIZ (2nd floor)

Atenhöferallee 3, 60438 Frankfurt am Main

January 27 - 28, 2020

Monday, 27 January 2020

14 ⁰⁰ – 16 ¹⁵	<u>Afternoon session I:</u> Andrey V. Solov'yov (MBN RC): <i>Computational modelling of irradiation driven nanofabrication: current status and perspectives</i> Ivo Utke (EMPA): <i>An experimental approach to understand electron irradiation driven dissociation of physisorbed organometallic molecules.</i> Nigel Mason (UoK): <i>Electron driven chemistry in FEBID processing - What we know and what we need to know.</i>
16 ¹⁵ -16 ⁴⁵	Coffee break
16 ⁴⁵ -18 ³⁰	<u>Afternoon session II:</u> Irina Solovyeva (MBN RC): <i>Management issues</i> Round Table discussion
19 ⁰⁰ -	Dinner at the restaurant „Zum-Feuerraedchen“, Textorstraße 24, Frankfurt am Main, U1, 2, 3, 8 to „Suedbahnhof“

Tuesday, 28 January 2020

9 ³⁰ -11 ⁰⁰	<u>Morning session I:</u> Richard Palmer (SU): <i>Electron beam irradiation of nanostructured surfaces: STM and STEM</i> Juraj Fedor (HIPC): <i>Insight into FEBID from experiments with clusters.</i>
11 ⁰⁰ -11 ³⁰	Coffee break
11 ³⁰ -13 ⁰⁰	<u>Morning Session II:</u> Alexey Verkhovtsev (MBN RC): <i>Reactive molecular dynamics for fragmentation of FEBID precursors</i> Elena Kusevska (MBN RC): <i>Parametrisation of reactive CHARMM force field for FEBID modelling</i> Round Table discussion Workshop closing
13 ⁰⁰ -14 ⁰⁰	Lunch

How to reach the location:

- 800 meters walking distance from Relaxa hotel
- U-bahn: U8, U9 stop Uni Campus Riedberg + 300 meters walking distance