

**International Graduate Research Training Group 1524  
– SSNI –  
Self-Assembled Soft-Matter Nanostructures at Interfaces**



**Tuesday, December 12<sup>th</sup>, 2017, 16:00h(!)**

**Technische Universität Berlin  
PC-Building, Room PC 203  
Strasse des 17. Juni 135, 10623 Berlin**

**Dr. Anna Leung**  
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**„Chemical Deuteration for Neutron Scattering –  
the ESS Deuteration Laboratory and the European Deuteration Network“**

A new laboratory at the ESS (DEULAB) has been established to focus on chemical deuteration for neutron scattering. It complements the existing expertise at the ESS in the form of biological deuteration and macromolecular crystallization, recognizing that many of the molecules required for neutron scattering analysis are not naturally occurring and require chemical synthesis. In addition, a formal network (DEUNET) has been established between this new laboratory and some existing laboratories with expertise in chemical deuteration. The aim of the network is to increase the number of deuterated molecules available to the neutron scattering community in the most efficient manner possible. An overview of the DEULAB and the DEUNET will be provided, in addition to an update on current projects and the possibility for collaborative projects in the near future.

We cordially invite everybody who is interested.

**Prof. Dr. Martin Schoen**  
IRTG 1524 Chairman  
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