

HITEC Lab

Title: In-situ/Operando Characterization of materials and processes - Lab
Date: 8 November 2017
Time: 9:00 – 13:00
Location: [Forschungszentrum Jülich](#) ► Bld. 04.8, rooms 142/143, ground floor

A current major trend in analytics is the so called “in-situ” (under operation conditions) or “operando” (during real world operation) characterization of materials and processes. Also at the Forschungszentrum Jülich different groups develop and establish advanced technologies for in-situ/operando characterization.

This training course will provide basic information on the analytical techniques available in Jülich and its external laboratories and will discuss challenges and possibilities.

This HITEC Lab is dedicated to those HITEC doctoral researchers that have a specific research question that might be solved by one of the techniques presented at the corresponding HITEC Day ‘*In-situ/Operando Characterization of materials and processes*’ taking place on 7th November 2017.

In this Lab these research questions are discussed and collaborations should be initiated.

Who should attend:

HITEC Ph.D.-fellows;
Postgraduate-, Ph.D.- and postdoctoral fellows from the fields of energy and climate research

HITEC Days

HITEC Days are an inherent part of the graduate school Helmholtz Interdisciplinary Doctoral Training in Energy and Climate Research (HITEC). They devote a whole day to a method or a scientific topic with lectures and discussions. The methodological days serve to encourage scientific interdisciplinarity and will enable the PhD students to extend their range of methods with respect to their own scientific work. HITEC Days always end with a ‘Get together’, some snacks and drinks. HITEC Days are open for HITEC Ph.D. students and other interested young scientists.