



Universität  
Basel

## Research Project

### Plasma-wall interaction studies related to fusion reactor materials

#### Third-party funded project

**Project title** Plasma-wall interaction studies related to fusion reactor materials

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**Organisation / Research unit**

Departement Physik / Nanomechanik (Meyer)

**Department**

**Project start** 01.01.2015

**Probable end** 31.12.2016

**Status** Completed

One of the major challenges facing ITER as well as future devices lies in the interaction of plasma-facing components with the fusion plasma. In particular, the rapid degradation of the optical performance of plasma-facing first mirrors due to erosion and deposition is a major issue, as it critically impairs diagnostic access. Finding a way to maintain the optical performance of diagnostic mirrors during operation is for ITER needed

**Financed by**

Public Administration

**Add publication**

**Add documents**

**Specify cooperation partners**