

Next generation of photovoltaics development

Inorganic catalyst composites - organic polymers can be used as light harvesting devices with a similar efficiency as silicon. When coupled to a water splitting unit like minerals / perovskites we can build novel type of energy converter and energy storage materials.

In this proposal we will develop such novel classes of materials and study them with advanced optical spectroscopy and advanced X-ray scattering methods.

Field

A1: Solid-state physics and nanoscience (application oriented)

DESY Place

Hamburg

DESY Division

FS

DESY Group

FS-SCS

Special Qualifications:

of advantage but not necessary: experience in optical spectroscopy

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