

Novel generation of photovoltaics and energy converter

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 advance our data analysis capabilities in X-ray scattering / diffraction.

Field

A3: Soft-matter sciences (application oriented)

DESY Place

Hamburg

DESY Division

FS

DESY Group

FS-SCS

Special Qualifications:

programming skills in advanced programming languages (like C) are of advantage (but they are not necessary).

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