The Austrian small angle X-Ray scattering (SAXS) beamline at the Elettra Synchrotron in Trieste (Italy) has an open PhD position in the field of transient time-resolved structural studies using femto-/picosecond pump-probe scattering techniques. The PhD candidate will work on the characterization of organic and inorganic supramolecular photosystems, focusing on fast structural transitions after optical excitation. Together with the research team and international collaborators, the candidate will further develop the existing pump-probe setup and establish new techniques for femtosecond transient spectroscopy.

We are looking for an enthusiastic, dynamic, challenge-driven and science-curious student that enjoys working in an international environment, such as the large-scale research facility Elettra/Fermi in Trieste, Italy.

**Essential Requirements:**

- MSc in Chemistry, Physics, Material-Science or a discipline relevant to the topic.
- Ability to combine multidisciplinary concepts, or intention to undertake multidisciplinary research.
- Ability to work in a diverse international environment.
- Willingness to work on-site (Trieste, Italy).
- Excellent English written and oral communication techniques.

**Desirable Requirements:**

- Experience in X-Ray methods and/or laser techniques.
- Experience in complex data-analysis.
- Willingness to learn Italian and adapt to the local lifestyle.

**We offer:**

**Contacts:**

Send informal enquiries and applications **before August 13th** (CV with a short statement of motivation) via email to Ass.Prof.Doz. Heinz Amenitsch (amenitsch@elettra.eu or amenitsch@tugraz.at).