

Session Program

5 September 2022

**Amyloid proteins meet physics: from X-rays
and neutrons over electrons to magnetism**

***Studying amyloid dynamics and metal ions by
neutrons and magnetism***

Paul Scherrer Institute, The education center, SZ-OSGA/EG06

Monday 5 September

14:30

Studying amyloid dynamics and metal ions by neutrons and magnetism

Session | **Location:** Paul Scherrer Institute, The education center, SZ-OSGA/EG06

14:30-15:00

Probing the effects of lipids and lipid membrane on amyloid aggregation

Speaker

Ayyalusamy Ramamoorthy

15:00-15:20

Identifying the role of co-aggregation of Alzheimer's Amyloid- β with amorphous protein aggregates of non-amyloid proteins

Speaker

Jinming Wu

15:20-15:40

Protein dynamics: what can we learn from neutron spectroscopy

Speaker

Fanni Juranyi

15:40-16:00

Amyloid fibrils: sustainable building blocks for materials science

Speaker

Viviane Lütz Bueno

16:00