Session Program

13–15 Sept 2026

SESAME 19th Users' Meeting

Session 3: Groundbreaking applications of synchrotron facilities

SESAME

Monday 14 September

09:00 – 13:30
Session 3: Groundbreaking applications of synchrotron facilities
Session | **Location:** SESAME

09:00 – 09:25
Session 3: Groundbreaking applications of synchrotron facilities: TBA
Session | **Location:** SESAME | **Convener:** Messaoud Harfouche

09:25 – 09:50
Session 3: Groundbreaking applications of synchrotron facilities: Shining synchrotron light on heterogeneous catalytic reactions: new tools to decipher dynamic structure-activity relationships
Session | **Location:** SESAME | **Convener:** Dr Maarten Nachtegaal

09:50 – 10:15
Session 3: Groundbreaking applications of synchrotron facilities: Tomography
Session | **Location:** SESAME | **Convener:** Dr Christoph Rau

10:15 – 10:40
Session 3: Groundbreaking applications of synchrotron facilities: Accessing hidden text on papyri – An example for cultural heritage
Session | **Location:** SESAME | **Convener:** Dr Heinz-Eberhard Mahnke

10:40 – 11:00
Session 3: Groundbreaking applications of synchrotron facilities: SESAME Synchrotron tomography for cultural heritage: structural diagnostics of Roman mosaics mock-ups
Session | **Location:** SESAME | **Convener:** Dr Andrea Campostrini

11:30 – 12:00
Session 3: Groundbreaking applications of synchrotron facilities: Soft X-ray absorption and XMCD
Session | **Location:** SESAME | **Convener:** Dr Javier Herrero Martin

12:00 – 12:30
Session 3: Groundbreaking applications of synchrotron facilities: TBA
Session | **Location:** SESAME | **Conveners:** Dr Mohammad Abu Haija, Roa AlNatour

12:30 – 13:00
Session 3: Groundbreaking applications of synchrotron facilities: IR experiments
Session | **Location:** SESAME | **Convener:** Gihan Kamel

13:00 – 13:30
Session 3: Groundbreaking applications of synchrotron facilities: Not all teeth are created equal: How Variations in Enamel Crystallography and Protein Content Affect Tooth Optical and Mechanical Properties
Session | **Location:** SESAME | **Convener:** Dr Faleh Tamimi