

## **Session Program**

**27-30 Jan 2026**

# **Blackholistic Early Career Scientist Workshop, Nijmegen 2026**

## ***Session 2***

Soeterbeeck Conference Centre,, Tuinzaal  
Elleboogstraat 2 5352LP Deursen-Dennenburg, The Netherlands

## Wednesday 28 January

09:30

### Session 2: A. Stellar Mass Black Holes

**Session** |

**Location:** Soeterbeeck Conference Centre,, Tuinzaal, Elleboogstraat 2 5352LP Deursen-Dennenburg, The Netherlands  
**Co-Chair:** Clara Lilje

09:30-09:47

#### The Homogeneous MeerKAT & Swift XRT Radio:X-ray Plane

**Speaker**

Justine Crook-Mansour

09:49-10:06

#### Calibrating the power of stellar mass black hole jets

**Speaker**

Fraser Cowie

10:08-10:25

#### What we know about very-high-energy particle acceleration in x-ray binary jets

**Speaker**

Laura Olivera-Nieto

10:27-10:44

#### A close correspondence between the low X-ray variability and jet ejections

**Speaker**

Zuobin Zhang

10:45

11:15

### Session 2: B. Jet Modeling & Imaging

**Session** |

**Location:** Soeterbeeck Conference Centre,, Tuinzaal, Elleboogstraat 2 5352LP Deursen-Dennenburg, The Netherlands  
**Co-Chair:** Michael Florian Wondrak

11:15-11:32

#### Black hole jet Lorentz factors across the mass range

**Speaker**

Clara Lilje

11:34-11:51

#### Simulating synchrotron light: bridging RMHD jets and polarimetric data

**Speaker**

Joana Kramer

11:53-12:10

#### A view into the AGN jets with ALMA polarimetry

**Speaker**

Douglas Ferreira Carlos

12:12-12:29

#### Imaging black holes and jets from space

**Speaker**

Freek Roelofs

12:30

13:30

## Session 2: C. Synthetic Imaging of SMBH & EHT

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**Location:** Soeterbeeck Conference Centre,, Tuinzaal, Elleboogstraat 2 5352LP Deursen-Dennenburg, The Netherlands  
**Organized by:** Subhrat Praharaj

13:30-13:47

### Resolving VLBI data

**Speaker**

Bram van den Berg

13:48-14:05

### Recovering the Fundamental Plane of Black Hole activity using GRMHD simulations

**Speaker**

renze oosterhuis

14:06-14:23

### Painting by Numbers with Picasso: validating a new polarized GRRT code using RAPTOR and IPOLE

**Speaker**

Aylecia Lattimer

14:24-14:41

### Single-Dish Calibration Pipelines and VLBI Simulation Studies for Millimetre Astronomy with the Africa Millimetre Telescope

**Speaker**

Hiiko Katjaita

14:42-14:59

### Determining the black hole spin of EHT sources

**Speaker**

Joost de Kleuver

15:00