

# *A multi-wavelength view of the Galactic Center*

Seminar room Osservatorio (4E10), IV floor (Navile, Via Gobetti 93/3, Bologna)

## **Monday, May 29<sup>th</sup>, 2017**

13:45: Welcome

14-16: **Rudy Wijnands** (Anton Pannekoek Institute for Astronomy, Amsterdam)

- *Accreting neutron stars and black holes* ([pdf](#))
- *Neutron star physics* ([pdf](#))

16-18: **Gabriele Ponti** (Max-Planck-Institut für Extraterrestrische Physik, Garching)

- *XMM-Newton scan of the Galactic plane*
- *Absorption and dust scattering haloes towards the Galactic center* ([pdf](#))

## **Tuesday, May 30<sup>th</sup>**

10-12: **Gabriele Ponti**

- *Approaching SgrA\*: G2 and similar 'events'* ([pdf](#))
- *Past Galactic Center activities: the Central Molecular Zone* ([pdf](#))

*14:30-15: seminar by Jason Dexter (MPE, Garching): "Exploring Strong Gravity in the Galactic Center"*

15-17: **Rudy Wijnands**

- *Evolution of X-ray binaries* ([pdf](#))
- *Populations of X-ray binaries in the Galaxy* ([pdf](#))

## **Wednesday, May 31<sup>st</sup>**

10-12: **Gabriele Ponti**

- *Past Galactic Center activities: light echoes and polarimetry*
- *SgrA\* vs. nuclei of nearby galaxies* ([pdf](#))

15-18: **Jason Dexter**

- *Theory of ADAF*
- *SgrA\*: multi-wavelength observations*
- *Modelling and physics of X-ray and near-IR flares of SgrA\** ([pdf](#))

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**Thursday, June 1<sup>st</sup>**

14-16: **Jason Dexter**

- *SgrA\*: stellar orbits and mass determination* ([pdf](#))
- *The future: Event Horizon Telescope and Gravity*

*Open issues and discussion*

*The End*

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