



# Seventeenth Marcel Grossmann Meeting

## Monday, 8 July 2024

### Gravitational lensing, shadows and photon rings: Monday block 1 - Riserva (15:00 - 16:30)

-Conveners: Oleg Tsupko; Volker Perlick

time	[id] title	presenter
15:00	[533] Light bending around a gravitating object immersed in a moving medium	BEZDEKOVA, Barbora
15:25	[401] Gravitational lensing by wormholes	PERLICK, Volker
15:50	[314] Shadows of supermassive dark compact objects at galaxy centers	ARGÜELLES, Carlos Raúl

### Gravitational lensing, shadows and photon rings: Monday block 2 - Riserva (17:00 - 18:30)

-Conveners: Oleg Tsupko; Volker Perlick

time	[id] title	presenter
17:00	[301] Shape of higher-order photon rings in image of Schwarzschild black hole	TSUPKO, Oleg
17:25	[90] Constraining spherically symmetric metrics by the gap between photon rings	ARATORE, Fabio
17:50	[449] Gravitational Lensing in the Kerr Spacetime: The Standard Observer	FROST, Torben

# Friday, 12 July 2024

## Gravitational lensing, shadows and photon rings: Friday block 1 - Riserva (15:00 - 16:30)

-Conveners: Volker Perlick; Oleg Tsupko

time	[id] title	presenter
15:00	[511] Extended source effect with thin light bundles	Dr UZUN, Nezihe
15:25	[163] A seven Parameter Kerr-Newman-like Metric	FRUTOS-ALFARO, Francisco
15:50	[305] The Optical Appearance of a Black Hole	Mr RAZA, Muhammad Ali

## Gravitational lensing, shadows and photon rings: Friday block 2 - Riserva (17:00 - 18:30)

-Conveners: Oleg Tsupko; Volker Perlick

time	[id] title	presenter
17:00	[215] Polarized image of equatorial emission in horizonless spacetimes	DELIYSKI, Valentin
17:25	[148] Shadows of rotating hairy Kerr black holes coupled to time periodic scalar fields with a nonflat target space"	Dr GYULCHEV, Galin
17:50	[111] Semiclassical lensing and Radiative Lense Equations	CORIANO, claudio