

ORP International School - Observing with Adaptive Optics

Monday 30 September 2024

Class: The ELT, how to build an adaptive telescope (09:00 - 10:30)

time	[id] title	presenter
09:00	[5] The ELT, how to build an adaptive telescope	Dr SPYROMILIO, Jason

Class: Imaging through the atmosphere (11:00 - 12:30)

time	[id] title	presenter
11:00	[6] Imaging through the atmosphere	Dr BUSONI, Lorenzo

Class: Wavefront sensors (14:30 - 16:00)

time	[id] title	presenter
14:30	[7] Wavefront sensors	Dr BOND, Charlotte

Tuesday 1 October 2024

Class: Fundamentals of Control Theory and Wavefront Reconstruction (09:00 - 10:30)

time	[id] title	presenter
09:00	[8] Fundamentals of Control Theory and Wavefront Reconstruction	Dr CORREIA, Carlos

Class: AO system design (11:00 - 12:30)

time	[id] title	presenter
11:00	[9] AO system design	Dr VERAN, Jean-Pierre

Class: Image deconvolution in astronomy (14:30 - 16:00)

time	[id] title	presenter
14:30	[10] Image deconvolution in astronomy: PSF reconstruction, PSF modeling & fitting	Dr FETICK, Romain

Wednesday 2 October 2024

Class: Beyond SCAO: Wide Field AO (09:00 - 10:30)

time	[id] title	presenter
09:00	[11] Beyond SCAO: Wide Field AO	Dr NEICHEL, Benoit

Class: Photometry and astrometry with AO assisted observations (11:00 - 12:30)

time	[id] title	presenter
11:00	[12] Photometry and astrometry with AO assisted observations	Dr FIORENTINO, Giuliana

Class: Search for Habitable Exoplanets with the ELT and the role of Adaptive Optics (14:30 - 16:00)

time	[id] title	presenter
14:30	[13] Search for Habitable Exoplanets with the ELT and the role of Adaptive Optics	Dr KASPER, Markus

Thursday 3 October 2024

Class: IFU spectroscopy with AO assisted observations (09:00 - 10:30)

time	[id] title	presenter
09:00	[14] IFU spectroscopy with AO assisted observations	Dr CRESCI, Giovanni

Class: The development of an AO system for a VLT instrument: from science cases to commissioning (11:00 - 12:30)

time	[id] title	presenter
11:00	[15] The development of an AO system for a VLT instrument: from science cases to commissioning	Dr RICCARDI, Armando

Class: Imaging Extended Objects with AO (14:30 - 16:00)

time	[id] title	presenter
14:30	[16] Imaging Extended Objects / Asteroids with AO/SPHERE	Dr VERNAZZA, Pierre