



Wave-Front Sensing (I) – Chair: S. Haffert

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| 8:30 AM | <u>Invited Talk:</u> Twentyeight andcounting | <i>Ragazzoni Roberto</i> |
| 9:00 AM | How to exactly describe WFS non-linearities with interaction matrices | <i>Fauvarque Olivier</i> |
| 9:20 AM | The Phasing and Diagnostic Station of ESO's ELT | <i>Pfrommer Thomas</i> |
| 9:40 AM | Vector Zernike Wavefront Sensor Development: On -Sky and Laboratory Segment Co-Phasing Results | <i>Salama Maissa</i> |
| 10:00 AM | Deep Optics for Wavefront Sensing: Beyond the Pyramid Wavefront Sensor | <i>Vera Esteban</i> |
| 10:20 AM | Partner Exhibition | Coffee Break |

Wave-Front Sensing (II) – Chair: E. Vera

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| 10:45 AM | <u>Invited Talk:</u> Development of a non-linear curvature wavefront sensor for the Subaru Telescope's AO3k system | <i>Ahn Kyohoon</i> |
| 11:15 AM | Simultaneous Control of the Segmented Primary Mirror and Adaptive Optics System with a Pyramid Wavefront Sensor | <i>Calvin Benjamin</i> |
| 11:35 AM | Exploring an event camera-based pyramid wavefront sensor | <i>Tapia Jorge</i> |
| 11:55 PM | A pupil-plane LGS Wavefront sensor for the next-generation telescopes: the Ingot WFS | <i>Portaluri Elisa</i> |
| 12:15 PM | Extended Poster session | Lunch |

Wavefront Corrector – Chair: J. Kolb

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| 2:00 PM | MEMS Deformable Mirrors for High Contrast Imaging | <i>Paul Bierden</i> |
| 2:20 PM | Deformable Mirror for large telescopes: ALPAO technology roadmap | <i>Charton Julien</i> |
| 2:40 PM | On-sky speckle nulling through a single-mode fiber with the Keck Planet Imager and Characterizer | <i>Xin Yinzi</i> |
| 3:00 PM | Amplitude & phase adaptive optics with a digital micro-mirror device for exoplanet high-contrast imaging | <i>Carlotti Alexis</i> |
| 3:20 PM | Developments towards an adaptive secondary mirror for KECK | <i>Kuiper Stefan</i> |
| 3:40 PM | The 21,000 Actuator GMagAO-X Parallel DM for the Giant Magellan Telescope : First HCAT Testbed Results with Segment/Petal phasing/AO control of Seven GMT Segments | <i>Close Laird</i> |
| 4:00 AM | Partner Exhibition | Coffee break |

AO pathfinders and new concepts (I)– Chair: C.Guthery

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| 4:30 PM | SHARK-NIR, first results of the commissioning at LBT | <i>Farinato Jacopo</i> |
| 4:50 PM | Advances with the WIVERN laboratory experiment for testing novel laser-based wavefront sensing techniques | <i>Bharmal Nazim</i> |
| 5:10 PM | A Constellation of Bright Orbiting Beacons for Imaging and Characterizing Rocky Earth-size Exoplanets Orbiting Sun-like stars with Ground-Based Telescopes | <i>Marois Christian</i> |
| 5:30 PM | Increased sky coverage for the 23-meter LBT | <i>Stone Jordan</i> |
| 5:50 PM | Opening up a new dimension with time-resolved wavefront sensing | <i>Veran Jean-Pierre</i> |
| 7:00 PM | A Story of Adaptive Optics for astronomy | Pierre Léna |
| 8:00 PM | Conference Diner Salle du Grand Tinel | |