Wednesday

09:00 - 9:20  Welcome

**General context**

09:20 - 09:50  The Potential of Asteroseismology for Stellar Modelling, C. Aerts - KU leuven (IT)
09:50 - 10:20  Recent Developments and Highlights from the CHARA Array and NPOI, G. Schaefer - Georgia State University (IT)
10:20 - 10:35  First attempts of combining asteroseismology and interferometry, F. Thévenin - OCA

10:35 - 10:50  Coffee Break

10:50 - 11:20  Astrophysical parameters in Gaia DR2, R. Andrae MPIA (IT)
11:20 - 11:50  PLATO & TESS : photometric space missions for bright stars (IT)

11:50 - 13:20  Lunch break  + coffee

**Interferometry & asteroseismology**

13:20 - 13:50  Interferometric versus asteroseismic diameters, T. White - Aarhus University (IT)
13:50 - 14:10  HR 7322: A benchmark for stellar evolution, A. Stokholm Aarhus University
14:10 - 14:30  Assessing the impact of an interferometric radius on modeling of bright stars, B. Nsamba - CAUP
14:30 -14:50  Asteroseismology and Interferometry of Delta Scuti Stars, Z. Guo - CAMK

14:50 -15:15  Coffee Break

15:15 -15:40  Fundamental Parameters of Pre-Main Sequence Stars, M. Simon - Stony Brook University
15:40 -16:00  Combining Interferometry and Asteroseismology to Calibrate Funnelweb and other Large Spectroscopic Surveys, M. Ireland - Australian National University

16:00 -16:20  Variability of oscillation modes in the hot B subdwarf star KIC3527751, W. Zong Beijing Normal University
16:20 -16:40  46 LMi: An analysis of Doppler velocities of a target with an angular diameter, S. Frandsen Aarhus University

16:40 -17:40  Discussions

18:00  Visit of the Observatory

Thursday

09:00 -09:30  Measuring stellar parameters using Optical Interferometry, A. Merand - ESO (IT)

Calibration of stellar properties

09:30 -10:00  The atmosphere, the p-factor and the bright visible circumstellar environment of the prototype of classical cepheids delta Cep, N. Nardetto - OCA (IT)
<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:00 - 10:20</td>
<td>The [Y/Mg] clock works for evolved solar metallicity stars, D. Slumstrup - Aarhus University</td>
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<td>10:20 - 10:40</td>
<td>Coffee Break</td>
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<td>10:40 - 11:10</td>
<td>Constraining fundamental parameters of chemically peculiar stars, I. Brandao - CAUP (IT)</td>
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<td>11:10 - 11:30</td>
<td>Metallicity effect on Stellar Granulation detected from oscillating Red Giants in Open Clusters, E. Corsaro - OACT</td>
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<td>11:30 - 11:50</td>
<td>Pseudo-photometric apparent diameter of stars, A. Chelli - OCA</td>
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<td>11:50 - 13:20</td>
<td>Lunch break + coffee</td>
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<td><strong>Stellar atmosphere models</strong></td>
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<td>13:20 - 13:50</td>
<td>Determination of stellar parameters and compositions with the aid of three-dimensional model atmospheres, R. Collet - Aarhus University (IT)</td>
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<td>13:50 - 14:10</td>
<td>The bubbling red giant branch stars, A. Chiavassa - OCA</td>
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<td><strong>Binaries</strong></td>
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<td>14:10 - 14:40</td>
<td>Masses and multiplicity of binaries from interferometry, C. Hummel - ESO (IT)</td>
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<td>14:40 - 15:00</td>
<td>Calibrating asteroseismology for red giants with eclipsing binaries, M. Benbakoura - CEA</td>
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<td>15:00 - 15:30</td>
<td>Coffee break</td>
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15:30 -15:50  Calibrating convective core overshooting with eclipsing binaries: a theoretical investigation of biases and random variability,  P. Giorgio Prada Moroni - Univ. Di Pisa
15:50 -16:10  Probing Stellar Evolution with Massive Binary Pulsators,  C. Johnson - KU Leuven
16:10 -16:30  Precise surface gravities of Delta Scuti stars from asteroseismology,  A. Garcia Hernandez - UGR
16:30 -17:30  Discussions
20:00  Conference Dinner

Friday

**Exoplanet host stars**

09:00 -09:30  Exoplanet Host Stars: from Stellar to Planet Parameters,  A. Mann Columbia University (IT)
09:30 -09:50  Present and future insights on exoplanetary system parameters,  R. Ligi - OCA

**Instrumentation**

09:50 -10:10  The Asteroseismic Programme at ARIES Nainital : Present and Future Prospects,  S. Joshi, Aries
10:10 -10:20  Coffee break
10:20 -10:50  Prospects in optical interferometry - stellar physics perspectives,  D. Mourard - OCA (IT)
10:50 - 11:20  Prospects for Advancing Direct Determinations of Radius and Temperature, G. Van Belle - Lowell Observatory

11:20 - 11:50  Discussions & closing remarks