

PHD STUDENTS DAY – Schedule

9:00 – 9:15 Breakfast

9:15 **Introduction**

9:25 **Jesus GOMEZ-LOPEZ**

The impact of kinematics on the SFH of the Herschel Reference Survey

9:35 **Darko DONEVSKI**

Understanding High-z dusty Galaxies selected by Herschel

9:45 **Yana KHUSANOVA**

The properties of the first galaxies reionizing the universe

9:55 **Claudia BUSS**

Cosmic web reconstruction in the GAMA Survey

10:05 **Sean MORRISON**

Large scale inhomogeneities in the UV background

10:15 **Abhishek MANYIAR**

The cosmic infrared background: a tool to connect star forming galaxies to host dark matter halos

10:25 **Arturo NUNEZ**

Indirect searches for dark matter towards the Sun with neutrinos

10:35 **Valentina ABRIL**

Galaxy Kinematics and the Tully-Fisher relation in $z \sim 0.7$ groups

10:42 **Paul ADAMCZYK**

Kinetic and mass distribution in spiral and irregular galaxies

10:49 **Minerva MUNOZ**

The two-dimensional kinematic of ionized gas of edge-on galaxies from Herschel Reference Survey

10:56 **Siju ZHANG**

The interplay between ionized regions and star formation

11:03 – 11:20 Coffee break

11:20 **Cédric HÉRITIER**

Calibration and optimization of complex adaptive optics systems for extremely large telescopes

11:30 **Anne-Laure CHEFFOT**

Phasing strategies for segmented Telescopes

11:37 **Grégoire HEIN**

Segmentation of focal planes

11:44 **Sabri LEMARED**

High performance large lightweight mirrors for space and Earth observations

11:51 **Mélanie ROULET**

3D printing for astronomical mirrors

11:58 **Mathieu VACHEY**

Next generation compact spectro-imagers for universe and Earth observation

12:05 **Romain FETICK**

Toward efficient data processing techniques for high-angular resolution images in the visible

12:12 **Thomas RONNET**

Formation of satellites around planets: the case of Jupiter's icy moons in the context of the ESA JUICE mission

12:22 **Bastien BRUGGER**

Modeling the interior of small exoplanets: from Super-Earths to mini-Neptunes

12:32 **Melissa HOBSON**

Optimize exoplanets detection around M stars with nIR spectrograph

12:42 **Théo LOPEZ**

Revealing the diversity of small worlds with K2 and HARPS

12:49 **Conclusion**

13:00 – 14:30 Buffet