

NCCR PlanetS - Site Visit of the Review Panel 22-23 May 2023, Geneva Observatory

Monday 22 May 2023

Time		Participants	Venue/room
9h00 - 9h30	Internal meeting Review Panel	Review Panel	AstroTech Lac
9h30 - 10h15	<i>Arrival & coffee</i>	<i>All</i>	<i>Observatory entrance</i>
10h15 - 10h30	Welcome	All	Aula
10h30 - 11h30	Science part 1 Mini-workshop: "Highlights from recent PlanetS research"	All	Aula
11h30 - 12h00	<i>Coffee break</i>	<i>All</i>	<i>Cafeteria & entrance</i>
12h00 - 13h00	Science part 1 Mini-workshop: "Highlights from recent PlanetS research"	All	Aula
13h00 - 14h00	<i>Lunch</i>	<i>All</i>	<i>AstroTech / under the forecourt</i>
14h00 - 17h00	Science part 2 Discussions between panel members and young researchers around posters and technical stands <i>(with coffee and drinks)</i>	All	AstroTech
17h00 - 17h30	Internal meeting Review Panel	Review Panel	AstroTech Lac
18h30	<i>Dinner</i>	<i>Review Panel & PlanetS Board</i>	<i>Villa Boninchi</i>

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22-23 May 2023, Geneva Observatory

Tuesday 23 May 2023

Time		Participants	Venue/room
9h00 - 10h30	Management areas: <ul style="list-style-type: none"> • Academic Platform : education & training and equal opportunities (30') • Technology and Innovation Platform (20') • Communication & outreach (20') • DACE (20') 	Review Panel PlanetS Board Platform members	AstroTech
10h30 - 11h00	<i>Coffee break</i>	<i>Review Panel PlanetS Board Platform members</i>	<i>AstroTech</i>
11h00 - 12h30	Management areas: <ul style="list-style-type: none"> • CHEOPS & future flagships (20') Structural aspects: <ul style="list-style-type: none"> • Director's report & future vision (30') • Structural development by the home institutions (30') • General discussion (10') 	Review Panel PlanetS Board Platform members Representatives of the home institutions	AstroTech
12h30 - 14h30	Internal meeting Review Panel (<i>including lunch</i>)	Review Panel	AstroTech
14h30 - 15h00	Feedback from Review Panel	Review Panel PlanetS Board Platform members	AstroTech

Site Visit: scientific programme

I. Morning mini-workshop: “Highlights from recent PlanetS research”

8 presentations of 15' (12' talk + 3' questions)

- Miriam Rüfenacht (ETHZ) “Cosmochemistry, nebula sub-ring structures monitored in isotopes”
- Sabina Raducan (UBE) “Impact-related modelling, Ryugu, rubble pile, porosity and more”
- Oliver Schib (UBE-UZH) “Planet population synthesis from gravitational instability”
- Solène Ulmer-Moll (UGE-UBE) “Long period mono-transit follow-up from the ground and space”

Coffee break

- Simon Müller (UZH) “Theory of planetary interiors”
- Lucile Mignon (UGE) “First results from the NIRPS IR spectrograph: radial velocities and atmosphere characterisation”
- Dany Mounzer (UGE) “Exoplanet atmospheres through transmission spectroscopy”
- Mathilda Fatton (UBE) “SenseLife”

Site Visit: scientific programme

II. Posters: afternoon session

1. Kasia Liszewska "Iron isotopic heterogeneity in the protoplanetary disk"
2. Veerle Sterken "Impact ionisation dust detection with compact, hollow, and fluffy dust analogs"
3. Thomas Meier "Ultra-high resolution simulations of planetary collisions"
4. Romain Alosius "Noble gases in CLs and ungrouped carbonaceous chondrites"
5. Andrin Kessler "Hybrid pebble+planetesimal models in core accretion population synthesis models"
6. Jeanne Davoult "Correlations in planetary systems"
7. Jesse Weder "MHD-wind driven disks: shift of paradigm from viscous disks to MHD-wind driven accretion"
8. William Ceva "Direct imaging of substellar companions as identified via the CORALIE survey"
9. Yannick Eyholzer "Testing machine learning architecture for the detection of planets with large TTVs"
10. Angelica Psaridi "Warm mini Neptunes"
11. Khaled Al Moulla "Stellar signals in HARPS and HARPS-N solar radial velocities"
12. Henrik Knierim "Constraining the origin of giant exoplanets via elemental abundance measurements"
13. Michal Steiner "Transmission spectroscopy of exoplanets with HARPS and ESPRESSO"
14. Leander Schlarman & Lea Klaiber "Modelling the atmospheres of Io and Europa using the DSMC method"
15. Omar Attia "Orbital architecture around the hot Neptune desert"
16. Dominique Petit dit de la Roche "JWST planet spectra"
17. Mathilde Houelle "Climatic simulations in view of Ristretto and ANDES"
18. Shaun Mettler "Earth as an Exoplanet - Temporal variations in atmospheric biosignatures"
19. Casper Farret "NIGHT: a compact, near-infrared high-resolution spectrograph to survey helium in exoplanet atmospheres"
20. Caroline Haslebacher "A deep-learning powered global map of lineaments on Jupiter's icy moon Europa"
21. Fabian Seidler "Secondary atmospheres with JWST"
22. Kathryn Jones "New results about Kelt 9"
23. Erik Meier Valdes "The intriguing 55 Cnc system"
24. Hugh Osborn "CHEOPS and PLATO - Synergies in ESA's exoplanet fleet"
25. Björn Konrad "Preparation for LIFE, a PlanetS flagship"