

Sunday, 11th September

19:00-20:30 – Tilman Spohn "Dem Mars auf die Pelle rücken" - Public Talk at the Zeiss-Großplanetarium (German)

Monday, 12th September

First Block 09:00-10:30 – Chair: Miriam Rengel & Vera Dobos	
09:00-09:15	Welcome
09:15-09:45	Kaustubh Hakim "Exoplanet Interiors and Evolution" (Invited)
09:45-10:00	Nader Haghighipour "Size and resonance diversity of multi-planet resonant chains is a natural outcome of their formation"
10:00-10:15	Yiannis Tsapras "How to find cold exoplanets"
10:15-10:30	Bertram Bitsch "Can we constrain planet formation from atmospheric abundances?"
10:30-11:00 Coffee Break @ Posters	
Second Block 11:00-12:30 – Chair: Stefan Czesla & Eike Guenther	
11:00-11:30	Sarah Rugheimer "Searching for Earth 2.0 - The link between planetary habitability and exoplanets" (Invited)
11:30-11:45	Remo Burn "The radius valley of orbital migration, steam and H/He evaporation"
11:45-12:00	Moritz Lietzow "Polarimetric investigation of selected cloud compositions in exoplanetary atmospheres"
12:00-12:15	Laurent Schönau "Shaping planetary systems early on: Experimental view on wind induced erosion of planetesimals"
12:15-12:30	Lena Noack "Variation in outgassing efficiency for plate-tectonics vs. stagnant-lid planets under different evolving atmospheric conditions"
12:30-14:00 Lunch Break	
Third Block 14:00-15:30 – Chair: Dominik Hezel & Alexandre Emsenhuber	
14:00-14:30	Thorsten Kleine "Terrestrial planet formation in the Solar System" (Invited)
14:30-14:45	Thomas A. Stuber "Using debris disk observations to infer exoplanets orbiting in- or outward a parent planetesimal belt"
14:45-15:00	Jingyi Mah "Forming super-Mercuries in disks around metal-rich stars"
15:00-15:15	Lisa Nortmann "Exoplanet atmospheres at high resolution in the near infrared - An update on the work done with CARMENES and CRRES+"

15:15-15:30	Amith Govind "Close stellar flybys are common in low-mass clusters"
15:30-16:00 Coffee Break @ Posters	
Fourth Block 16:00-17:00	
16:00-17:00	Poster Blitz, followed by Poster Session with snacks and drinks
19:00-22:00 Social Event at the Naturkundemuseum	

Tuesday, 13th September

First Block 09:00-10:30 – Chair: Doris Breuer	
09:00-09:30	Frances Westall "Exoplanets and life" (Invited)
09:30-09:45	Jeanne Davout "On planetary systems classification and Earth-like planets."
09:45-10:00	Anina Timmermann "Connecting Stellar Abundance with Element Volatility & Rocky Planet Composition"
10:00-10:15	Matteo Pinamonti "Observing the influence of Cold Jupiters on the formation of Super-Earths, from Solar-type stars to M dwarfs"
10:15-10:30	Dane Späth "Planets or Pulsations? - Simulations of Non-Radial Oscillations of Evolved Stars in High-Resolution Spectroscopy"
10:30-11:00 Coffee Break @ Posters	
Second Block 11:00-12:30 – Chair: Ronald Redmer	
11:00-11:30	Ana-Catalina Plesa "Thermal Evolution and Interior Dynamics of Mars and Venus: Geodynamic Models and Observations" (Invited)
11:30-11:45	Kai Wu "Influence of planets on planetary debris particles in star clusters I: the 50 AU Jupiter"
11:45-12:00	Vera Dobos "Water content of rocky exoplanets in the habitable zone"
12:00-12:15	Giovanni Picogna "Stellar photoevaporation around low-mass stars"
12:15-12:30	Konstantin Herbst "INCREASE: An updated model suite to study the INfluence of Cosmic Rays on
12:30-14:00 Lunch Break	

Third Block 14:00-15:30 – Chair: Alexander Krivov & Gabriel Dominique Marleau	
14:00-14:30	Tim D. Pearce "Debris Discs as Probes of Planetary Systems" (Invited)
14:30-14:45	Ema Valente "Excitation of the obliquity of Earth-like planets via tidal forcing"
14:45-15:00	Steven Rendon Restrepo "The impact of self-gravity smoothing length on dust dust-laden vortices simulations"
15:00-15:15	Gayathri Viswanath "Imaging pursuit of an elusive planet, epsilon Indi Ab, in the near to mid-infrared"
15:15-15:30	Dominik Hezel "Data Science in Cosmochemistry: Using all data for original research with an example from chondrule-matrix complementarity"
15:30-16:00 Coffee Break @ Posters	
Fourth Block 16:00-17:15 – Chair: Kristine Lam & Carolin Kimmig	
16:00-16:15	Anne-Sophie Libert "Dynamical constraints on tightly packed planetary systems"
16:15-16:30	Henrik Knierim "Constraining the Origin of Giant Exoplanets via Elemental Abundance Measurements"
16:30-16:45	Enric Palle "An empirical view on the formation and composition of small planets orbiting M dwarfs"
16:45-17:00	Ewa Szuszkiewicz "On a repulsion mechanism between two low-mass planets migrating in a protoplanetary disk"
17:00-17:15	Engin Keles "Investigating the presence of a silicate atmosphere on the super-Earth 55 Cnc e"
Fifth Block 17:15-18:45	
17:15-18:45	Poster Blitz, followed by Poster Session with snacks and drinks

Wednesday, 14th September

First Block 09:00-10:30 – Chair: Lena Noack & Enrique Sanchis Melchor	
09:00-09:30	Kevin Heng "The Albedos and Phase Curves of Celestial Bodies" (Invited)
09:30-09:45	Tabea Bogdan "Influence of Early Formation Steps on Inner Planetary System Architecture and Composition: High-temperature dust boosts planetesimal formation"
09:45-10:00	Hendrik Schmerling "The TOI 2427 system; a probable lava world and its outer sibling"
10:00-10:15	Susanne Pfalzner "Distribution of disc lifetimes gives most planets ample time to grow"
10:15-10:30	Tim Lichtenberg "Reduced late bombardment on M-dwarf exoplanets"

10:30-11:00 Coffee Break @ Posters	
Second Block 11:00-12:30 – Chair: Miriam Sinnhuber & Iris van Zelst	
11:00-11:30	Cedric Gilman "The atmospheres of terrestrial planets in the solar system" (Invited)
11:30-11:45	Alexandre Emsenhuber "Planetary Population Synthesis and the Emergence of Four Classes of Planetary System Architectures"
11:45-12:00	Kristine Lam "Unravelling the origin of ultra-short period exoplanets: Discovery of a dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star"
12:00-12:15	Mohamad Ali-Dib "The effect of late giant collisions on the atmospheres of protoplanets and the formation of cold sub-Saturns"
12:15-12:30	Miriam Rengel "Building a HCN vertical distribution reference for hot super-Earths"
12:30-14:00 Lunch Break	
Third Block 14:00-15:30 – Chair: Sandra Jeffers & Jingyi Mah	
14:00-14:15	Sofia Savvidou "A giant solution to the disc mass budget problem of planet formation"
14:15-14:30	Carolina Villarreal D'Angelo "Stellar wind interaction with the outflowing atmosphere of GJ436 and their observables."
14:30-14:45	Sebastian Markus Stammer "Leaky Dust Traps: How Fragmentation impacts Dust Filtration by Planets"
14:45-15:00	Gabriel-Dominique Marleau "Accreting protoplanets: Spectral Signatures and extinction of gas and dust extinction at H alpha"
15:00-15:15	René Heller "Advances in Exomoon Transit Searches: The Pandora Software and no Moons around Kepler-1625 b and Kepler-1708 b"
15:15-15:30	Julia Kobus "Temporal variability of the potential planet-forming regions in protoplanetary disks"
15:30-16:00 Coffee Break @ Posters	
Fourth Block 16:00-17:00 – Chair: Ansgar Reiners	
16:00-16:15	Fabio Del Sordo "Connecting stellar dynamos with magnetic star-planet interaction"
16:15-16:30	Urs Schäfer "Dust concentration and thresholds for planetesimal formation explored in two-dimensional global models of streaming instability and vertical shear instability"
16:30-16:45	Momo Ellwarth "High resolution spectroscopy of the spatially resolved Sun"
16:45-17:00	David Melon Fuksman "Are protoplanetary disks stable to self-shadowing?"
17:00-17:15	Farewell