

IMPRS Retreat, Kurhaus Trifels. (12th Generation)			
16/04/2018 - 18/04/2018			
30 minute slots: 20 minute talks + 10 minutes questions/feedback			
Time	Monday	Tuesday	Wednesday
8:00	Departure from Heidelberg	Breakfast	Breakfast
	Chair: Michael Hanke	Chair: Asmita Bhandare	Chair: Marta Reina-Campos
9:00	Arrival	Sarah Jeffreson : A general theory for the lifetimes of giant molecular clouds under the influence of galactic dynamics	Asmita Bhandare : From clouds to cores
9:30	Kiyun Yun : Jellyfish galaxies with the IllustrisTNG simulations, i.e. gas stripping phenomena in the full cosmological context	Robin Tress : Simulations of the star forming molecular gas in M51	Christian Lenz : Parameter Study for Pebble Flux Regulated Planetesimal Formation
10:00	Johanna Coronado : TGAS-LAMOST actions and calibrated distances	Manuel Riener : Going beyond cloud segmentation: Unveiling the detailed velocity structure of the CO gas in the Galactic plane	Miriam Keppler : Detection of a substellar companion candidate in the gap of the transition disk around PDS 70
10:30	Coffee	Coffee	Coffee
	Chair: Manuel Riener	Chair: Arianna Musso Barucci	Chair: Zdenek Prudil
11:00	Jonas Klueter : SELenA an algorithm to find gravitationally lensed quasars	Michael Hanke : Preparing for next generation large scale spectroscopic surveys: On-the-fly determination of fundamental stellar parameters.	Sepideh Sadegi : Correcting Radial Velocity Variation for Starspot jitter
11:30	Career Talk: Joachim Wambsganss	Marta Reina-Campos : E-MOSAICS: Formation and evolution of globular clusters in their hosts environments	Arianna Musso Barucci : The LISEN survey: finding Exoplanets in the northern sky
12:00		Xudong Gao : Verifying abundance trends with non-LTE spectroscopy of open cluster M67	Paula Sarkis : K2-18: Cool Planet and/or Cool Spots?
12:30	Lunch	Lunch	Lunch
	Chair: Karan Molaverdikhani	Chair: Johanna Coronado	Chair: Robin Tress
14:00	Fayezeh Shabani : Where do spiral arms come from?	Justus Zorn : CHEC and HESS-1U - Cherenkov cameras for the detection of high energy gamma rays	Karan Molaverdikhani : Non-Equilibrium Chemistry in Exoplanet Atmospheres' Spectra
14:30	Joshua van Houdt : Dynamical modeling of galaxies at $0.5 < z < 1.0$	Simon Sailer : Trigger Performance Verification and Simulation of the FlashCam Prototype Camera	Theodoros Anagnos : Simulation and Optimization of an Astrophotonic Reformatter
15:00	Ivana Barisic : Dust properties of $z \sim 1$ galaxies	Pooja Surajbali : HAWC: Gamma-Hadron Separation Using Distribution of Light in Tanks	Final discussion
15:30	Coffee	Excursion	Coffee
	Chair: Miriam Keppler		
16:00	Zdenek Prudil : RR Lyrae stars as tracers of substructure and Galactic archaeology		Departure for Heidelberg
16:30	Josefina Micha : Searching for substructure in dwarf galaxies of nearby galaxy clusters		
17:00	Ondrej Jaura : A trip from first stars to the re-ionization		
17:30	Career Talk: Nikos Fanidakis		
18:00			
18:30	Dinner	Dinner	
20:00	Feedback/Discussions	Feedback/Discussions	