## Microlensing 23 Schedule (2019 January 5 version; invited talks in bold)

## Monday, January 28

(0) : 0) .	Monday, January 28	
9:00-9:10am	Ranc) Ground-based Project Updates Welcome – David Bennett (GSFC)	
9:10-9:25am	Jan Skowron (Warsaw) – "OGLE in 2018 and 2019"	
9:25-9:40am	Takahiro Sumi (Osaka) – "PRIME"	
9:40-9:55am	Andy Gould (MPIA/KASI) – "Upgrades for KMTNet Alerts, Event-Finder, and Data Policy"	
9:55-10:10am 10:10-10:25am	Yiannis Tsapras (Heidelberg) – "The ROME/REA LCO Key Project update" Andrew Cole (Tasmania) – "The 2018 Microlensing Season at UTAS Greenhill Observatory"	
10:25-10:55am	Coffee Break	
(Chair: Etienne Bachelet) WFIRST 10:55-11:30am Jeff Kruk (GSFC) – "WFIRST Update"		
	Samson Johnson (OSU) - "The WFIRST microlensing survey: mission	
	updates and predictions of the free-floating planet yield"	
11:45-12:00am	Rachel Akeson (IPAC) – "Community data products for the WIFRST Microlensing Survey"	
12:00-12:15am	Somayeh Khakpash (Lehigh) – "WFIRST: A Simple Approach for the Recovery of Planetary Parameters From Microlensing Light Curves"	
12:15-1:25pm	Lunch Break	
12.13 1.23piii	Lunen break	
(chair: Aparna Bhattacharya) Planet Formation Theory & Miscellaneous		
1:25-1:40pm	Geoff Bryden (IPAC) – "Facing the Challenge of WFIRST: Machine Learning for Lightcurve Classification"	
1:40-2:15pm	Ruth Murray-Clay (UCSC) – "Planetary System Architectures as	
•	Probes of Planet Formation"	
2:15-2:30pm	Renata Frelikh (UCSC)— "Effects of a phase of planet-planet impacts on the population of outer giant exoplanets"	
2:30-2:50pm	Judit Szulágyi (Zurich) – "Formation of Intermediate Mass Giant Planets through Circumplanetary Disk Accretion"	
2:50-3:05pm	Wei Zhu (CITA) – "A pair of planets likely in mean motion resonance from gravitational microlensing"	
3:05-3:25pm	Yossi Shvartzvald (IPAC) – "The Galactic Distribution of Planets via Spitzer Microlensing Campaigns"	
3:25-3:55pm	Coffee Break	
(chair: David Nataf) Microlensing Parallax		
3:55-4:10pm	Naoki Koshimoto (Tokyo) – "Evidence of systematic errors in Spitzer 2015 parallax measurements"	

4:10-4:25pm	Sebastiano Calchi Novati (IPAC) – "Spitzer Opens New Path to Break Classic Degeneracy for Jupiter-mass Microlensing Planet OGLE-2017-BLG-1140Lb"		
4:25-4:40pm	Amber Malpas (Canterbury) – "The detection of two very low mass brown-dwarf binary systems with KMT/OGLE/Spitzer"		
4:40-4:55pm	Radek Poleski (OSU) – "K2 Campaign 9 data analysis and planetary event OGLE-2016-BLG-0241"		
4:55-5:10pm	Yutong Shan (Harvard) – "Characterizing Free-Floating Planet Candidates from K2C9"		
5:10-5:25pm	Matthew Penny (OSU) – "Microlensing Parallax Observations with CFHT: 2016, 2018, and beyond"		
5:25-5:40pm	Weicheng Zang (Tsinghua) – "LCO follow-up for Spitzer and KMTNet events"		
Tuesday, January 29			
(chair: Rachel Akeson) Gaia and Stellar Remnant Black Holes 9:00-9:35am Alessandro Sozzetti (INAF) – "Gaia astrometry and exoplanets (in crowded fields too)"			
9:35-9:50am	Katarzyna Kruszynska (Warsaw) – "Highlights from Gaia microlensing survey of the Galactic Plane"		
9:50-10:05am	Kris Rybicki (Warsaw) – "Astrometric microlensing in the era of Gaia and WFIRST"		
10:05-10:20am	Lukasz Wyrzykowski (Warsaw) – "Mass-gap black holes from OGLE and Gaia"		
10:20-10:35pm	Fatima Abdurrahman (UC, Berkeley) – "Late-time high-resolution images of the black hole candidate microlensing events MACHO-96-BLG-5 and MACHO-98-BLG-6"		
10:35-11:05am	Coffee Break		
(Chair: Wei Zhu) Astrometric Microlensing 11:05-11:20am Alice Zurlo (Univ. Diego Portales) – "Measuring the mass of Proxima Centauri from a microlensing event"			
	Kailash Sahu (STScI) – "Astrometric Microlensing with HST" Jessica Lu (UC, Berkeley) – "Finding Stellar Mass Black Holes with		
11:50-12:05pm	Astrometric Microlensing"  Casey Lam (UC, Berkeley) – "PopSyCLE (Population Synthesis for Compact object Lensing Events)"		
12:05-12:20pm	Nathan Golovich (LLNL) – "MACHO Re-Analysis Results"		
12:20-1:30pm	Lunch Break		
(Chair: Sean Carey) High Angular Resolution Follow-up and Black Holes 1:30-1:50pm Aparna Bhattacharya (GSFC) – "First Results from Our NASA Keck Key			
1:50-2:05pm	Strategic Mission Support Program"  Calen Henderson – "Using Keck to explore microlensing degeneracies:  The case of OGLE-2015-BLG-0966"		

2:05-2:20pm	Josh Blackman (Tasmania) – "Adaptive Optics follow-up of a super-Earth (OGLE-2017-BLG-1434) and a giant planet (MOA-2010-BLG-477)"
2:20-2:35pm 2:35-2:50pm	Fumio Abe (Nagoya) – "Massive black hole search by MOA" Hiroko Niikura (Tokyo) – "New constraint on PBH abundance from microlensing observation of M31with HSC"
2:50-3:05pm	Nathan Golovich for William Dawson (LLNL) – "Strong and Weak Microlensing in the 2020's"
3:05-3:20pm	Przemek Mróz (Warsaw) – "Microlensing maps of the Galactic bulge and disk from OGLE-IV"
3:20-3:50pm	Coffee Break
(Chair: Jan Skow <b>3:50-4:25pm</b>	ron) Analysis of microlensing events  Eric Ford (Penn State) - "Strategies for exploring parameter space for planetary microlensing events: Lessons from the RV and TTV community"
4:25-4:40pm	Dasiuke Suzuki (ISAS/JAXA) – "MOA-2018-BLG-199/KMT-2018-BLG-0359Lb: A super-Jupiter around an M-dwarf host"
4:40-4:55pm	Iona Kondo (Osaka) – "Analysis of the short timescale planetary event MOA-bin-29"
4:55-5:10pm	Shun-Sheng Li (NAOC) – "The application of asteroseismology and Gaussian processes to microlensing analysis"
5:10-5:25pm	Akihiko Fukui (Tokyo) – "Detailed Analysis of the Kojima Event: Anti-GB Planetary Event with the Brightest Host Star"
5:25-5:40pm	Martin Dominik (St. Andrews) – "Where are the binary source gravitational microlensing events?"
6pm-ish	Reception with snacks and drinks
	Wednesday, January 30
(chair: Calen He	nderson) Talks relevant to Hack Session
9:00-9:15am 9:15-9:30am	Rachel Street (LCO) – "Results of the first Microlensing Data Challenge" Etienne Bachelet (LCO) – "3 years of pyLIMA: status, presentation of results and future"
9:30-9:45am	Markus Hundertmark (Heidelberg) – "Planet detection and characterization with pyLIMA"
9:45-10:20am	Dan Foreman-Mackey (CCA) – "Using methods from machine learning and statistics as tools for data analysis in astronomy"
10:20-10:50am	Coffee Break
(Chair: Radek Po	oleski) Talks relevant to Hack Session (continued)
	Valerio Bozza (Salerno) – "Multiple lensing with contour integration"
_	Fran Bartolić (St. Andrews) – "Gaussian process models of correlated noise in microlensing lightcurves"
11:20-11:35am	Clement Ranc (GSFC) – "OGLE-2006-BLG-332: First New Planetary Event from the 9-year Retrospective Analysis of MOA survey"

11:35-11:50am Yuki Hirao (GSFC/Osaka) – "Unpublished binary and planetary events from MOA 9 year analysis"

11:50-12:05pm In-gu Shin (Harvard/CfA) – "Degeneracies in Discoveries of Microlensing Planet Candidates by the KMTNet Survey in 2017"

12:20-1:40pm Lunch Break