

10th OPTICON Gaia Science Alerts Workshop, Catania, Italy, 18-20 December 2019

First name	Surname	Talk title	duration incl questions	start time
WEDNESDAY				10:00
Coffee and Registration			01:00	10:00
Giuseppe Isabella	Leto Pagano	Welcome address and logistics	00:10	11:00
Timo	Prusti	Gaia mission status	00:30	11:10
Lorenzo	Rimoldini	Classification of Gaia variable objects: DR2 vs DR3	00:20	11:40
Simon	Hodgkin	(remote) Gaia Science Alerts introduction	00:30	12:00
Gábor	Marton	PyTorch classification of astronomical light curves	00:15	12:30
Mitja	Fridman	Study of the Gaia AlertPipe performance and test of the likelihood detector	00:15	12:45
Lunch break			01:00	13:00
Akihiko	Fukui	Planned Ground-based Survey for Bright Microlensing Events	00:25	14:00
Ilknur	Gezer	Young Stellar Objects in Gaia	00:15	14:25
Volodymyr	Reshetnyk	Gaia Alerts in X-ray and Radio catalogues	00:15	14:40
Andrii	Simon	New events in the Gaia alerts data.	00:15	14:55
Franz-Josef (Josch)	Hamsch	Follow up of GAIA alerts	00:15	15:10
Coffee break			00:35	15:25
Fraser	Lewis	Using Gaia Alerts to Link Education and Research	00:15	16:00
Vira	Godunova	Long-term monitoring of Gaia transients at the Terskol Observatory	00:15	16:15
Inna	Izviekova	Variability analysis of Gaia16bnz by optical follow-up from Terskol and Lisnyky observatories	00:15	16:30
Yana	Markus	Gaia Alerts optical follow-up from Lisnyky observatory	00:15	16:45
Helen	Jermak	Time Domain Astronomy with the New Robotic Telescope	00:15	17:00
Ricardo	Zanmar Sanchez	News about the robotic APT2 telescope and the SOXS spectrograph at NTT	00:15	17:15
Susanne M	Hoffmann	2000 years of alert history - what can we learn from dead astronomer's observations?	00:15	17:30
Jun	Yang	Measure the gas to dust ratio towards bright sources in the Galactic Bulge	00:15	17:45
THURSDAY				09:30
Gerry	Gilmore	The next OPTICON opportunity	00:20	09:30
Gudrun	Pebody	the OPTICON-RadioNet PILOT	00:15	09:50
John	Davies	TNA in OPTICON	00:15	10:05
Buckley	David	Transient astronomy in South Africa	00:25	10:20
Marco	Lam	Cross-platform automated spectral data reduction application	00:15	10:45
Coffee break			00:30	11:00
Pawel	Zielinski	Cambridge Photometric Calibration Server 2.0	00:15	11:30
Przemysław	Mikołajczyk	CCDPhot - an engine behind CPCS 2.0	00:15	11:45
Lukasz	Wyrzykowski	OPTICON Time-Domain Network and its future, including Black Hole TOM presentation	00:25	12:00
Iair	Arcavi	Rapid Robotic Followup of Transients	00:25	12:25
Lunch break			01:10	12:50
Rob	Beswick	(remote) Radio Time Domain in the new PILOT	00:20	14:00
Marcin	Gawroński	Radio observations in the era of time-domain astronomy	00:20	14:20

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<i>Discussion</i>		<i>new OPTICON discussion</i>	00:50	14:40
Coffee break			00:30	15:30
Cosimo	Inserra	ePESSTO+: the advanced Public ESO Spectroscopic Survey of Transient Objects	00:30	16:00
Mariusz	Gromadzki	New types of transients in the era of all-sky surveys	00:15	16:30
Nada	Ihanec	Nuclear transients in Gaia	00:15	16:45
Mateusz	Bronikowski	Identification of overluminous Gaia Alerts using photo-z catalogues	00:15	17:00
Katja	Bricman	Observing TDEs in the era of LSST	00:15	17:15
FRIDAY				09:30
Zofia	Kaczmarek	The search for IMBHs in Gaia: new simulations and results	00:15	09:30
Algita	Stankevičiūtė	Atmospheric Turbulence challenges for hunting Black Holes with ground based telescopes	00:15	09:45
Kotryna	Siskauskaite	Microlensing through binary black holes	00:15	10:00
Katarzyna	Kruszyńska	Highlights from Microlensing events found in Gaia Science Alerts	00:20	10:15
Krzysztof	Rybicki	Gaia18bmt and Gaia19bld - highlights from microlensing alerts	00:20	10:35
Coffee break			00:35	10:55
Agnieszka	Gurgul	Polarimetric measurements of microlensing events	00:15	14:25
Tolga	Güver	Istanbul University Observatory : IST60 as a Robotic Telescope	00:15	14:40
Nariman	Ismailov	On the observational equipments in visual range at the Shamakhy Observatory	00:15	14:55
Oliwia	Ziółkowska	Loiano and Aristarchos in OPTICON	00:15	15:10
Erika	Pakstiene	Stellar variability analysis at Molėtai Astronomical Observatory	00:15	15:25
Justas	Zdnavičius	Gaia alerts observation at Molėtai Astronomical Observatory	00:15	15:40
Staszek	Zola	Followup observations of Gaia alerts with SKYNET robotic telescopes	00:15	15:55
Lunch break			01:00	16:10
<i>Discussion</i>		<i>Technical issues, comments, hands-on, individual consultations</i>		17:10
<i>end of the workshop</i>				