

15th Gaia Science Alerts and ORP Time-Domain Workshop, FORTH, Crete, 30.09-2.10.2024

Start time (GMT+3h)	End time (GMT+3h)	Duration	Name	Talk title
MONDAY 30.09.2024				
<i>chairs: Milena Ratajczak & Simon Hodgkin</i>				
09:00	09:05	0:05	Vassilis Charmandaris	Welcome
09:05	09:25	0:20	Gerry Gilmore	Status of EC support, now and future
09:25	09:55	0:30	Simon Hodgkin	A Decade of Science Alerts from Gaia
09:55	10:20	0:25	Lukasz Wyrzykowski	BHTOM in the context of Gaia Alerts
10:20	11:00	0:40	Coffee break	
11:00	11:15	0:15	Fraser Lewis	<i>Using Gaia Alerts to 'Persuade' Schools to use Robotic Telescopes</i>
11:15	11:25	0:10	Ben Dryer	<i>Using the Open Science Observatories with Gaia Alerts and BHTOM to teach basics of astronomy and photometry.</i>
11:25	11:45	0:20	Aga Slowikowska	JIVE and ORP
11:45	12:00	0:15	Marjolein Verkouter	The EVN in TOM Toolkit
12:00	12:15	0:15	Rachel Street	The AEON+ program
12:15	12:40	0:25	Rupak Roy	<i>An automated tool to find the UV transients and its inclusion in BHTOM system</i>
12:40	14:10	1:30	Lunch break	
14:10	14:35	0:25	John Antoniadis	The Array for Gigahertz Observations (ARGOS)
14:35	14:50	0:15	Karolina Bąkowska	Simultaneous optical and radio observations of AM Her
14:50	15:05	0:15	Sebastian Kiehlmann	optical-radio projects, TBA
15:05	15:30	0:25	Michel Dennefeld	AGNs in Gaia Alerts: from flares of Changing Look Quasars
15:30	15:45	0:15	Nada Ihanec	Study of high amplitude nuclear flares with Gaia
15:45	16:15	0:30	Coffee break	
16:15	16:30	0:15	Ioannis Liodakis	Pushing the limits of optical polarimetric monitoring of blazars and TDEs
16:30	16:45	0:15	Piotr Hofbauer	ZTF18aaripgp photometric campaign in BHTom
16:45	17:15	0:30	<i>Anna Marciniak (NO RECORDING)</i>	<i>Significance of stellar occultations in studies of small bodies and beyond</i>
TUESDAY 1.10.2024				
<i>chairs: Lukasz Wyrzykowski & Monika Sitek</i>				
09:00	09:20	0:20	Przemysław J. Mikołajczyk	New CCDPhot
09:20	09:30	0:10	Krzysztof Kotyż	TBA / CCDPhot docker
09:30	11:00	1:30	LW, PM, PZ	BHTOM hands-on
11:00	11:30	0:30	Coffee break	
11:30	11:45	0:15	Fabian Schüssler	Astro-COLIBRI
11:45	12:00	0:15	Josch Hamsbich	<i>Follow-up of Gaia alerts from ROAD observatory</i>
12:00	12:20	0:20	Elmé Breedt	Cataclysmic Variables in Gaia Alerts
12:20	13:50	1:30	Lunch break	
13:50	14:05	0:15	Felipe Olivares	<i>Hunting the electromagnetic counterparts of gravitational waves</i>
14:05	14:15	0:10	Andrii Dzygunenko	Novel Results in Correlations and Parameter Analysis for Dwarf Novae
14:15	14:25	0:10	Vira Godunova	An extended study of selected transients using BH-TOM
14:25	14:40	0:15	Barbara Joachimczyk	Photometric observations of highly magnetic cataclysmic variable AR UMA
14:40	14:55	0:15	Mateusz Motyliński	Study of properties of novalike variables SW Sextantis type based on photometric observations from the TESS mission
14:55	15:10	0:15	Zhen Guo	<i>Eruptive Young Stellar Object in the Large-Scale Survey Era</i>
15:10	15:25	0:15	Andreja Gomboc	Gaia Astrometric Microlensing Events
15:25	15:55	0:30	Coffee break	
15:55	16:10	0:15	Martin Dominik	Gravitational microlensing: Big science from small telescopes
16:10	16:25	0:15	Katarzyna Kruszynska	Dark Lens Code and Gaia
16:25	16:40	0:15	Markus Hundertmark	Exploring compact Gaia binaries as microlensing lighthouses
16:40	16:55	0:15	Mauritz Wicker	Using Gaia Science Alerts to Improve Mass Measurements of Non-Bulge Gravitational Microlensing Events
19:30				
Workshop dinner				
WEDNESDAY 2.10.2024				
<i>chairs: Justyna Olszewska & Przemek Mikołajczyk</i>				
09:00	09:15	0:15	Dimitris Papazoglou	Space Optical Communication enabling technologies.
09:15	09:30	0:15	Wolf von Klitzing	(quantum) optical communication with satellites
09:30	09:55	0:25	Zsafia Nagy	Accretion variability in Young Stellar Objects: results from the Gaia Photometric Science Alerts
09:55	10:10	0:15	Alceste Bonanos	Variability of extreme red supergiants: evidence for episodic mass loss
10:10	10:25	0:15	Grigoris Maravelias	Uncovering massive star populations in M31 with GAPS
10:25	10:55	0:30	Coffee break	
10:55	11:00	0:05	Supachai Awiphan	<i>Transient Observations with the Thai Robotic Telescope</i>
11:00	11:15	0:15	Süleyman Fişek	Istanbul University Observatory
11:15	11:30	0:15	Marius Maskoliūnas	New 80cm photometry telescope at the Moletai Astronomical Observatory in the BHTOM telescope network
11:30	11:35	0:05	Pablo Reig	Past, present, and future of the Skinakas Observatory
11:35	11:40	0:05	Monika Sitek	North Station of Astronomical Observatory of University of Warsaw in Ostrowik
11:40	11:55	0:15	Encarni Romero Colmenero	Time domain research with SALT
11:55	12:10	0:15	Stephen Potter	The Intelligent Observatory
12:10	12:35	0:25	David Buckley	Science Highlights from 8 years of SALT Transient Studies
12:35	14:05	1:30	Lunch break	
14:05	14:10	0:05	Staszek Zola	On the accuracy of photometric mass ratio determination from light curve modeling
14:10	14:15	0:05	Waldemar Ogłozza & Barbara Har	New telescope in Poland in Chorzow
14:15	14:30	0:15	Sebastian Kurowski	Primary school observatory with a color CMOS camera – can it be a valuable member of the BH-TOM telescope network?
14:30	14:35	0:05	Stephen Brincat	<i>Flarestar Observatory - Telescope in Malta</i>
14:35	14:50	0:15	Steve Fossey	<i>The View from UCL Observatory: facilities, teaching, and student research</i>
14:50	14:55	0:05	Viktoria Pinter	CAHA 1.23m telescope :Uniting Research and Outreach
14:55	15:05	0:10	Chris Copperwheat	Transient Follow-up With the Liverpool Telescope
15:05	15:10	0:05	Martina Larra	GoChile
15:10	15:25	0:15	Michał Zejmo	Data processing pipelines for ROTUZ telescope
15:25	15:55	0:30	Coffee break	
15:55	16:20	0:25	Mateusz Mróz	OGLE: Over Three-Decade Long Adventure.
16:20	16:35	0:15	Milena Ratajczak	Monitoring of ellipsoidal binaries
16:35	16:45	0:10	Edyta Stonkute	<i>Harnessing Large-Scale Surveys for Galactic Evolution: Current Archives and Next-Generation Spectroscopy</i>
16:45	17:00	0:15	Paweł Zielinski	Spectroscopic properties of microlensing events alerted by Gaia
17:00	17:10	0:10	Justyna Olszewska	High-Resolution Spectroscopy with the PST1 Echelle Spectrograph: Technical Overview and Observational Insights