Kerastari Talks - Final 2-June-2017

title Name time chair MONDAY PM 29-May-17 Reception at Mainalon hotel 18:30-21:00. Drinks + light food. 18:30 Reception 3h ** NOTE1: Bus pickup to Kerastari at 8:15am every morning, near the small church at the square next to Mainalon. ** ** NOTE2: The return bus to Tripoli will depart at 17:30-18:00, at the end of each day's presentations. ** NOTE3: The duration of the talks INCLUDES question time. Please allow at least 5 mins for questions. ** TUESDAY AM 30-Mav-17 Introduction to the Workshop. Setting themes Chair Tasso 10:00 Bishop Alexandros open workshop Vice-Governor opening speeches Tripolis mayor opening speech Village representatives Opening speeches Welcome from the village Yota Krili 10:45 Ένωση Ελλήνων Φυσικών Greek Physicists - Aristotle award to Tasso Tzioumis Chair - Seiradakis Tasso Tzioumis Reply & short presentation of work (15 mins) 11.15 Coffee break 30 11:45 Tzioumis, Tasso 10 Introduction to the Workshop 11:55 Drew. Jamie 40 Public talk - Breakthrough Listen Intro and short movie. 12:35 Kellerman, Ken 25 The Gold Effect aka The Buffalo Syndrome 13:00 Lunch 60 TUESDAY PM Chair - Emily SETI 14:10 Tarter, Jill 25 Clarke's Third Law: Indistinguishable From Magic; Indistinguishable From Nature; or Indistinguishable From Paperclips? 14:35 Siemion, Andrew 25 Breakthrough Listen 15:00 Garret, Michael 25 All-sky Radio SETI 15:25 Werthimer, Dan 25 When Will Earthlings Find ET?: Future SETI and Radio Astronomy Instrumentation 15:50 Coffee break 30 16:20 Maccone, Claudio 25 Lifetime Gap among ET Civilizations quantified by Evo-SETI 16:45 Hellbourg, Greg 25 SETI & REI 17:10 Open discussion 8:30 Snacks/coffee 30 WEDNESDAY AM 31-May-17 Chair - Aris FRBs 9:15 Bailes, Matthew 25 Serendipity and Fast Radio Bursts 9:40 Johnston, Simon 25 Fast Radio Bursts, Perytons and the High Time Resolution Universe Survey 10:05 Petroff, Emily 25 FRBs, Perytons, and the hunts for their origins 25 ALFABURST: A Commensal FRB Search with ALFA 10:30 Foster. Griffin 10:55 Coffee break 30 11:25 Bannister, Keith 25 Fast Radio Bursts detections with ASKAP 11:50 Macquart, Jean-Pierre 25 FRBs as cosmic weigh stations 12:15 Ravi, Vikram 25 The brightest FRBs: a class distinct from the repeater(s)? 12:40 Obrocka, Monika 25 Cognitive computing for the MeerKAT Integrated RFI Management System 13:05 Lunch 55 WEDNESDAY PM Chair - Nectaria 14:00 Paragi, Zsolt 25 Localizing fast transients with the e-EVN 14:25 Marcote, Benito 25 Localizing a Fast Radio Burst on milliarcsecond angular scales 14:50 25 Open discussion 15:15 Coffee break 30 Machine learning 25 Building Machine Astronomers to Discover the Unexpected in Astronomical 15:45 Norris, Ray Surveys 16:10 McFadden. Rebecca 5 Poster sparkler (Machine Learning for Radio Transient Detection) 16:15 Antonietti, Nicolo 25 KLT for transient signal analysis 16:40 Maccone, Claudio 25 Relativistic eigenfunctions for uniformly-accelerated spaceflight 17:05 Open discussion 18:00 60 Winery visit (stopover by return bus) 8:30 Snacks/coffee 30 THURSDAY AM 1-Jun-17 **Pulsars & Fast transients** Chair - Bailes 9:15 Bell Burnell, Jocelyn 25 Reflections on the discovery of pulsars and lessons for today 9:40 Seiradakis, John 25 Early Pulsar searches 10:05 Geyer, Marisa 25 Anomalous pulsar scattering at LOFAR frequencies 10:30 Coffee break 30 11:00 Karastergiou, Aris 25 The pulsar population, and MeerKAT PSR/FRB searches 11:25 Sanidas, Sotiris 25 Searching for pulsars and fast transients with LOFAR 11:50 Mickaliger, Mitchell

25 Pulsar and Fast Transient Search with the SKA

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12:			o Open discussion	
12:	30 Lunch	60		_
THURSDAY PM	l	5h	Excursion 13:30-18:30 - Ancient Messini	
THURSDAY PM	Vespers	1h	6:30-7:30 pm Special Vespers	
THURSDAY Evening		4-5h	Conference dinner & entertainement in Kerastari	
			Return bus ~11:30pm	
0.	30 Snacks/coffee	30		
6: FRIDAY AM	2-Jun-17	30	, Multi-wavelength	Chair - Keith
			Gravitational wave #3 - announcement	Chair - Keith
	10 Bailes, Matthew	-		
	15 Nissanke, Samaya) Strong gravity - slides presented by Assaf	
	45 Horesh Assaf) Lessons from the last decade of time-domain astronomy	.
	15 Cimo, Giuseppe) Supporting multi-wavelength and multi-messenger astronomy with ASTERIC	5
	45 Coffee break	30		
	15 Jauncey, David) Inter-Stellar Scintillation; 50 Years from Discovery to Acceptance	
	45 Peng, Bo) Unexpected outcome of the first RFI measurements for the SKA	
	15 Galluzzi, Vincenzo) Multi-frequency polarimetry of a complete sample of faint PACO sources	
12:	45 Lunch	90		_
FRIDAY PM				Chair - Monica
14:	00 Jaroenjittichai, Phrudth	25	Radio Astronomy Network and Geodesy for Development (RANGD) Project	
14:	25 Lindqvist Michael	25	Present status and future directions of the EVN	
14:	50 Cimo, Giuseppe	25	6 Radio Astronomy and Space Science: VLBI observations of orbiters and lander	ers
15:	15 Cornwell, Tim	25	5 The labyrinth of SKA processing	
15:	40 Coffee break	30		
16:	10	30) Open discussion - under the plane tree	
16:	40 Garrett, Micahael	20) Workshop summary	
17:	00	5	Workshop Close	
SATURDAY	3-Jun-17		9am-7pm Full-day excursion to Mistras and Deiros caves.	I
SATURDAY EVENING			Party hosted by Tasso Tzioumis (8pm - 3am)	
			Return bus by ~12am	
	Destaus			

Posters McFadden, Rebecca

Machine Learning for Radio Transient Detection