

Kerastari Talks

Name	time	title	chair
MONDAY PM			
18:30 Reception	3h	Reception at Mainalon hotel 18:30-21:00. Drinks + light food.	
TUESDAY AM			
Introduction: The Antikythera Mechanism			Chair Tasso
9:30 Bishop Alexandros Regional representatives		open workshop opening speeches	
Tripolis mayor Museum welcome		opening speech Written welcome from the National Archeological Museum.	
10:45 Coffee break	30		
11:15 Tzioumis, Tasso	5	Introduction to the Workshop	
11:20 Mary Zafeiropoulou	30	The NAM Antikythera treasures	
11:50 Seiradakis, John	45	The Antikythera Mechanism: From the bottom of the sea to the scrutiny of modern technology	
12:35 Ekers, Ron	10	Linking modern and ancient technology - the structure of the meeting	
12:45 Lunch			
TUESDAY PM			
History of scientific endeavour			Chair Tingay
14:00 Tsavlliris, Lefteris	30	The research history of the Antikythera shipwreck	
14:30 Tassios, Theodosios	30	Prerequisites for the production of the Antikythera Mechanism during the 2 nd century	
15:00 Woltjer, Lo	30	A Bridge too far ?	
15:30 Coffee break	30		
16:00 Ekers, Ron	20	The history of innovation in radio astronomy	
16:20 O'Sullivan, John	30	Musings on innovation and technology	
16:50 Tony Freeth and Mike Beckam	60	Film "The 2000 Year-Old Computer: Decoding the Antikythera Mechanism"	
WEDNESDAY AM			
			Chair Seiradakis
9:30 Freeth, Tony	30	Building the Cosmos in the Antikythera Mechanism	
10:00 Edmunds, Mike	30	Before and After the Antikythera Mechanism	
10:30 Moussas, Xenophon	30	Recent results from the study of Antikythera Mechanism: astronomical clock, Lunar trajectory and Archimedes	
11:00 Coffee break	30		
11:30 Kesteven, Michael	20	Surface Analysis with Photogrametry	
11:50 Skellern, David	20	The path to wireless internet - 802.11	

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12:10 Lunch	90		
WEDNESDAY PM		Tomographic Imaging	Chair Jauncey
14:00 Ramsey, Andrew	45	X-ray Tomography of the Antikythera Mechanism	
14:45 Cornwell, Tim	45	Exploiting measurement diversity in radio interferometry	
		Photometry	
15:30 Coffee break	30		
16:00 Malzbender, Tom preseneted by Haida Liang	20	The HP imaging Dome and the Antikythera Machine Inscriptions	
16:20 Liang, Haida	30	Contributions of astronomy to the study of art conservation and archaeology	
16:50 Garrett, Michael	20	Unraveling the Nature of Hanny's Voorwerp	
17:10	20	Open discussion	
THURSDAY AM		Positional astronomy and VLBI	Chair Schillizzi
9:00 Bos, Niels	20	The Antikythera Mechanism: a census of planetary extensions.	
9:20 Anastasiou, Magdalini	30	Positional Astronomy: The Parapegma of the Antikythera Mechanism	
9:50 Reynolds, John & Johnston, Ken	20	Modern astrometry	
10:10 Lazaridis, Kosmas	20	Pulsar timing arrays	
10:30 Coffee break	30		
11:00 Panagiotis Papaspirou	20	Johannes Kepler: his place in Astronomy	
11:20 Storey, John	30	Plato – from Greek philosopher to Antarctic observatory	
11:50 Jauncey, Dave	30	SHEVE '82, Tasso and the coming of Age of Southern Hemisphere VLBI	
12:20 Lunch	90		
THURSDAY PM		Excursion 13:30-18:30	
THURSDAY Evening		Conference dinner	
FRIDAY AM		Innovation at the Science, Engineering, Computing nexus	Chair Ekers
9:00 Efstathiou, Kyriakos	30	The value of making models	
9:30 Roumeliotis, Manos	30	Are the modern computer simulations a substitute for physical models? The Antikythera case	
10:00 Tingay, Steve	30	Are the modern computer models a substitute for physical models? The SKA case	

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10:30 Coffee break	30	
11:00 Schediwy, Sascha.	20	A Clock for the Square Kilometre Array
11:20 Baan, Willem	20	SURO, which is a low-frequency radio telescope
11:40 Frater, Bob presented by Ron Ekers	30	You can't design what you can't conceive - what can we learn from history
12:10 Garrett, Michael	20	Aperture Arrays - Past, Present & Future
12:30 Lunch	90	
FRIDAY PM		Science and Technology: (Antikythera Mechanism and the past -SKA and the future)
14:00 Jones, Alexander	30	The Antikythera Mechanism and the Public Face of Hellenistic Science
14:30 Moussas, Xenophon	20	Early Greek Astrophysics
14:50 Hirabayashi, Hirax	30	Ancient technology and modern imaging instrument from Japan
15:20 Coffee break	30	
15:50 Reynolds, John	30	ASKAP: the Genesis of New Technology
16:20 Lampropoulos, Panagiotis	30	Imaging with a modern synthesis radio telescope – the LOFAR experience
16:50 Schillizzi, Richard	30	The SKA
SATURDAY		Full-day excursion to Museum for Antikythera mechanism exhibition
9:00		Bus departs Tripoli
19:30	60	Vespers led by local bishop
20:30		Party hosted by Tasso Tzioumis
Posters		
Moussas, Xenophon		Exhibition of Antikythera Mechanism
Saul, Martin		The Differential in Astronomy : Past to Present
Nikoli M., Seiradakis J.H		The Antikythera Mechanism and Shipwreck: The sensitive issue of announcing the discovery to the public
Efstathiou K., Basiakoulis A., Efstathiou K.		The Reconstruction of the Antikythera Mechanism

Chair Jones