

Name	time	title	chair
<b>MONDAY PM</b>			
18:30 Reception	3h	Reception at Mainalon hotel 18:30-21:00. Drinks + light food.	
<b>** NOTE: Bus pickup to Kerastari at 8:15am every morning, from the Tripoli court-house between Mainalon and Anaktorikon. **</b>			
<b>TUESDAY AM</b>		<b>Introduction: The Antikythera Mechanism</b>	<b>Chair Tasso</b>
9:30 Bishop Alexandros		open workshop	
Regional representatives		opening speeches	
Tripolis mayor		opening speech	
Museum welcome		Written welcome from the National Archeological Museum.	
Mary Zafeiropoulou		The NAM Antikythera treasures	
<b>10:45 Coffee break</b>	<b>30</b>		
11:00 Tzioumis, Tasso	5	Introduction to the Workshop	
11:05 Seiradakis, John	45	The Antikythera Mechanism: From the bottom of the sea to the scrutiny of modern technology	
11:50 Ekers, Ron	5	Linking modern and ancient technology - the structure of the meeting	
11:55 Tony Freeth and Mike Beckam	60	Film "The 2000 Year-Old Computer: Decoding the Antikythera Mechanism"	
<b>12:55 Lunch</b>	<b>65</b>		
<b>TUESDAY PM</b>		<b>History of scientific endeavour</b>	<b>Chair Tingay</b>
14:00 Tsavlis, 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 <sup>nd</sup> century	
15:00 Woltjer, Lo	30	A Bridge too far ?	
<b>15:30 Coffee break</b>	<b>30</b>		
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 Frater, Bob	30	You can't design what you can't conceive - what can we learn from history	
<b>WEDNESDAY AM</b>			<b>Chair Seiradakis</b>
9:00 Freeth, Tony	30	Building the Cosmos in the Antikythera Mechanism	
9:30 Edmunds, Mike	30	Before and After the Antikythera Mechanism	

## Kerastari Talks

10:00 Moussas, Xenophon	30 Recent results from the study of Antikythera Mechanism: astronomical clock, Lunar trajectory and Archimedes	
<b>10:30 Coffee break</b>	30 <b>Tomographic Imaging</b>	
11:00 Ramsey, Andrew	45 X-ray Tomography of the Antikythera Mechanism	
11:45 Cornwell, Tim	45 Exploiting measurement diversity in radio interferometry	
<b>12:30 Lunch</b>	90	
<b>WEDNESDAY PM</b>		<b>Chair Jauncey</b>
14:00 Lampropoulos, Panagiotis	30 Imaging with a modern synthesis radio telescope – the LOFAR experience	
	<b>Photometry</b>	
14:30 Liang, Haida	30 The HP imaging Dome and the Antikythera Machine Inscriptions	
15:00 Liang, Haida	30 Contributions of astronomy to the study of art conservation and archaeology	
<b>15:30 Coffee break</b>	30	
16:00 Kesteven, Michael	30 Surface Analysis with Photogrametry	
16:30 Skellern, David	20 The path to wireless internet - 802.11	
16:50 Garrett, Michael	20 Unraveling the Nature of Hanny's Voorwerp	
17:10	20 Open discussion	
<b>THURSDAY AM</b>	<b>Positional astronomy and VLBI</b>	<b>Chair Schillizzi</b>
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	20 Modern astrometry	
10:10 Lazaridis, Kosmas	20 Pulsar timing arrays	
<b>10:30 Coffee break</b>	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 S.H. VLBI	
<b>12:20 Lunch</b>	90	
<b>THURSDAY PM</b>	5h <b>Excursion 13:30-18:30</b>	
<b>THURSDAY Evening</b>	<b>Conference dinner</b>	
<b>FRIDAY AM</b>	<b>Innovation at the Science, Engineering, Computing nexus</b>	<b>Chair Ekers</b>

## Kerastari Talks

9:00 Efstathiou, Kyriakos  
9:30 Roumeliotis, Manos

10:00 Tingay, Steve

### 10:30 Coffee break

11:00 Baan, Willem  
11:20 Zarb Adami, Kristian  
11:40 Schediwy, Sascha.  
12:00

### 12:30 Lunch

## FRIDAY PM

14:00 Jones, Alexander  
14:30 Moussas, Xenophon  
14:50 Hirabayashi, Hirax  
15:20 Coffee break  
15:50 Reynolds, John  
16:20 Garrett, Michael  
16:50 Schillizzi, Richard

30 The value of making models  
30 Are the modern computer simulations a substitute for physical models? The Antikythera case  
30 Are the modern computer models a substitute for physical models? The SKA case

### 30

20 SURO, which is a low-frequency radio telescope  
20 From Mechanical to Optical: Beamforming in Radio Astronomy  
20 A Clock for the Square Kilometre Array  
30 Open discussion

### 90

### Science and Technology: (Antikythera Mechanism and the past -SKA and the future)

*Chair Garret*

30 The Antikythera Mechanism and the Public Face of Hellenistic Science  
20 Early greek Astrophysics  
30 Ancient technology and modern imaging instrument from Japan  
30  
30 ASKAP: the Genesis of New Technology  
30 Aperture Arrays - Past, Present & Future  
30 The SKA

## SATURDAY

### Full-day excursion to Museum for Antikythera mechanism exhibition

## SATURDAY EVENING

### Vespers led by local bishop; Party hosted by Tasso Tzioumis

### Posters

Moussas, Xenophon  
Saul, Martin  
Nikoli M., Seiradakis J.H

Exhibition of Antikythera Mechanism  
The Differential in Astronomy : Past to Present  
The Antikythera Mechanism and Shipwreck: The sensitive issue of announcing the discovery to the public

Efstathiou K., Basiakoulis A., Efstas The Reconstruction of the Antikythera Mechanism