

**2nd Emirates Astronomical Conference Program**  
**Role of Astronomy in the Islamic Society:**  
**Applications in Islam, Education and Environment**  
 30 May - 01 June 2010 CE, 16-18 Jumadal A'akhera 1431 AH

1<sup>st</sup> Day: Sunday 30 May 2010, 16 Jumadal A'akhera 1431 AH

**\* Opening Session**

- Convener: Sakher Saif

Time	Activity
07:45	Departure from the Hotel
08:30 – 10:00	Arrival of Conference's Patron or his representative and VIPs
	National Anthem and Verses from Holy Quran
	Speech of Conference's Patron \ Sheikh Mansour Bin Zayed Al Nahyan
	LOC Speech \ Khalfan Alnoaimy
	ICOP Speech \ Mohammad Odeh
	Islamic Educational, Scientific and Cultural Organization (ISESCO) Speech \ Abdul Hamid El Harama
	Coffee break

**\* First Session: Islamic Calendar (10:00 - 12:30)**

- Chairman: Mohibullah Durrani

Time	Activity
10:00 – 10:30	Any future for the Islamic calendar? / Jamal Eddine Abderrazik
10:30 – 11:00	A Suggested Global Islamic Calendar / Syed Khalid Shaukat
11:00 – 11:45	The bi-zonal calendar and the definition of the Islamic month / Nidhal Guessoum
11:45 – 12:30	Discussion
12:30 – 14:00	Prayer and lunch

**\* Second Session: Crescent Observation Techniques (14:00 - 16:00)**

- Chairman: Saleh Al-Shidhani

Time	Activity
14:00 – 14:30	Techniques and problems associated with telescopic observations of thin lunar crescents / Jim Stamm
14:30 – 15:00	Observing the lunar crescent through electronic cameras / Martin Elsaesser
15:00 – 15:30	The use of technology to live webcast the crescent observations / Qamar Uddin
15:30 – 16:00	Discussion
16:00 – 16:30	Prayer and coffee break

**\* Third Session: Crescent, Technology, and Solutions (16:30 - 18:00)**

- Chairman: Awni Khasawneh

Time	Activity
16:30 – 16:50	Effectiveness of telecommunication as an instrument for data collection and dissemination of hilal sighting information / Qamardeen Muhammad
16:50 – 17:10	Technological advances, challenges and research projects for aid in Hilal sighting and Moon matters / Mohibullah Durrani
17:10 – 17:30	Astronomical Options for the jurists / Saleh Al-Shidhani
17:30 – 18:00	Discussion
18:00 – 20:00	Free time
20:00	Dinner

2<sup>nd</sup> Day: Monday 31 May 2010, 17 Jumadal A'akhera 1431 AH

**\* Fourth Session: Prayer Times (09:00 - 10:45)**

- Chairman: Aliakbar Nayyeri

Time	Activity
09:00 – 09:45	Astronomical and Juristic Problems Regarding Prayer Times / Mohammad Odeh
09:45 – 10:15	Determining Fajr time observationally in Jordan, Abed-Alqader Aabed
10:15 – 10:45	Isha and Fajr at high latitudes and for astronauts / Abdullah Almisnid
10:45 – 11:15	Coffee break

**\* Fifth Session: Prayer Times (11:15 - 13:00)**

- Chairman: Abdul Hamid El Hama

Time	Activity
11:15 – 11:45	Prayer times at high latitudes /Jalal Uddin Khanji
11:45 – 12:15	New astronomical method for calculating prayer times everywhere / Nidhal Guessoum
12:15 – 13:00	Discussion
13:00 – 14:15	Prayer and lunch

**\* Sixth Session (14:15 - 16:30): Astronomy & Environment**

- Chairman: Mansour Ashgefa

Time	Activity
14:15 – 14:40	Astronomy and Climate / Hassan Basurah
14:40 – 15:05	Astronomy and Environment / Driss Bensari
15:05 – 15:30	UAE's sky and constellations / Hassan Hariri
15:30 – 16:30	Discussion
16:30 – 17:00	Prayer
17:00 – 20:00	Excursion
20:00	Dinner

3<sup>rd</sup> day: Tuesday 01 June 2010, 18 Jumadal A'akhera 1431 AH

**\* Seventh Session: Astronomy & Education (09:00 - 11:00)**

- Chairman: Jalal Uddin Khanji

Time	Activity
09:00 – 09:20	Astronomy Education in Malaysian Schools / Kassim Bahali
09:20 – 09:40	Astronomy Studies in Higher Learning Institutions in Malaysia / Saadan Man
09:40 – 10:00	Survey of awareness regarding the moon, the crescent and the new month / Sanaa Abdo
10:00 – 10:20	Arabization of astronomical software and electronic knowledge base / Muhannad Aulama Alhuseini
10:20 – 11:00	Discussion
11:00 – 11:20	Coffee break

**\* Eighth Session: Astronomy & Education (11:20 - 12:45)**

- Chairman: Khalfan Al-Noaimi

Time	Activity
11:20 – 11:40	Astronomy in the eyes of media and society / Rabab Al-Qudaihy
11:40 – 12:00	The role of the satellite channels and forums in fusing the astronomical culture: The present and the ambitions / Basma Dhiab
12:00 – 12:20	The role of Arab astronomical societies in developing astronomy in the Arab world / Khalil Konsul
12:20 – 12:45	Discussion
12:45 – 14:00	Prayer and lunch

**\* Ninth Session: Crescent (Visibility, Observation) (14:00 - 16:00)**

- Chairman: Khaled Al-Zaag

Time	Activity
14:00 – 14:20	The accuracy of determining the start of Hejric months by astronomical calculations / Mosalam Shaltout
14:20 – 14:40	Age of The Crescent, Topocentric or Geocentric? / Aliakbar Nayyeri
14:40 – 15:00	Crescent visibility modeling issues / Mohd Zambri Zainuddin
15:00 – 15:20	The errors in modeling of crescent visibility criteria / Seyyed Ghasem Rostami
15:20 – 15:40	Relative guide for telescope / Saleh Al-Saab
15:40 – 16:00	The Computation of Sun Transit Times Over Kaabah for the Year 2010 / Azhari Mohamed
16:00 – 16:30	Prayer and coffee break
16:30 – 18:00	Poster viewing and discussion and ICOP Session

**\* Closing Session (18:00 - 19:00)**

Time	Activity
18:00 – 18:30	Resolutions & Discussion
18:30 – 19:00	Distribution of Certificates

**ICOP Session**

Activity
ICOP Reports
ICOP Elections
ICOP Program for next 3 years

**Accepted Posters**

Participant	Title
Abdel Malek Rabahi Abdallah Mokhtari Abdelmalek Boukhezzar	Pedagogy of teaching celestial objects in Astronomy for children
Yahia Sattoof	The Syrian experiment in determining the beginning of Lunar months
Ahmed Yehia el-Raffie	Applied simulation for observation of the crescent of the first day of Hijric month from Earth's surface through high altitude flying body
Susiknan Azhari	Muhammad Wardan and It Concept of Wujudul Hilal
Hassan Basurah	Review for a manuscript
Firas Murad	Ibn al-Shatir
Mohamed Rasheed Farook	Benefits Uncertainties and Perspectives of Exposing Muslim Societies to Astronomy
Othman Mbow	Review about Islamic calendar differences: Reasons and solutions
Alireza Mehrani	Organizing the crescent observation in Iran
Mansour Ashgefa Hasan Hamad	Solar eclipse: Conditions and related phenomena