

The Fifth Conference on Lunar Crescent Visibility and Calendar

26 June 2013

The Calendar Center, Geophysics Institute, University of Tehran
Tehran, Iran

We are pleased to announce that the fifth conference on lunar crescent visibility and the topics concerning calendar, will be held at *The Calendar Center, Geophysics Institute* (Tehran, Iran) on 26 June 2013.

Main Themes

A. Astronomical Sighting of the Lunar Crescent

1. The criteria for crescent sighting in view of Islamic and modern astronomy
2. The astronomical characteristics of the moon and their effects on crescent sighting
3. Reviewing latest data on crescent sighting
4. Evaluation of the efficiency, accuracy and problems of various software packages for computing crescent parameters
5. Introducing proposals for larger and more detailed studies on crescent sighting
6. Analyzing astronomical consequences of jurisprudential terms for crescent sighting

B. Topics on Calendar

1. Latest designed intercalary arrays and equations in the Lunar Hijra and Shamsi Hijrah calendars
2. Newest methods of extracting calendars in Islamic countries
3. Significant resources, documents or studies on the calendar, before and after the advent of Islam
4. The causes of discrepancies in the calendars used in Islamic countries
5. Possibility of designing a unique Islamic calendar (lunar or solar) for the Muslim world, considering both jurisprudential and astronomical terms
6. Studying the current official calendar of Iran
7. Studying traditional astronomical calendars
8. Studying Iranian local calendars
9. Calendars in historical sources from the Islamic period, including *zijes*, histories,...

C. Astronomical Aspects of the Prayer Times

- 1- True dawn, i.e. the times of Morning *Adhān* (*Fajr*) particularly in summer and winter for northern Europe and North Canada
- 2- Prayer Times in polar regions
- 3- Evaluation of different criteria for determining the value of solar depression at *Fajr* and *Maghrib* times
- 4- Evaluation of the efficiency and accuracy of the prayer times software packages

D. Social and Cultural Aspects of Calendar, Crescent Sighting and Prayer Times

- 1- Strategies for promoting cultural aspects of calendars and timekeeping
- 2- Studying the role of media in promoting public knowledge in the subject
- 3- The role of education in the development of the subject
- 4- Cultural and political consequences of current differences among the experts on the topic
- 5- Economic and social consequences of the differences among Islamic calendars

Abstracts

- 1- The abstracts should include authors' name(s) (with full address), preface, methodology, concluding remarks, major references, and should be between 1200 and 1600 words.
- 2- It should be typed in the Microsoft Word, using *Times New Roman* font and subject font-size of 14, contents font-size of 12, figure, graph and table subtitle font-size of 10, should be submitted electronically through the following e-mail: calendar@ut.ac.ir

Full Articles

- 1- It should be between 3000 and 5000 words based on the format mentioned in the pt.1 of abstract
- 2- Full articles must conform to the above mentioned format in the Pt.2 of abstract

Deadline for Abstract Submission: 3 May 2013

Conference Secretariat Address:

Building No. 2, Institute of Geophysics, North Kargar Street, Tehran, Iran.

The Calendar Center, PO Box 14155-6466, Tel: +9821 61118396

E-Mail: calendar@ut.ac.ir

You can follow up the latest news of the conference through <http://calendar.ut.ac.ir>