The Date of This Visions + Voices Event

October 27, 2010, 7 p.m. in the Forum Room of the Ronald Tutor Campus Center.

Calendars (and time itself) are functions of culture; informed by mathematics and astronomy, but shaped in their particulars by the overall understanding of cosmic, natural, and social relationships underlying a community’s life. Some of us will date this Visions + Voices event as taking place on October 27, 2010 (Gregorian). Others may regard the day as being the 19th day of Cheshvan in the year 5771 (Hebrew), the 5th day of the 8th month in the year 1389 (Persian Jalali), the 3rd day of the 9th month of the 99th year of the Republic of China (Chinese lunar), the guisi day of the bingxu month (both by the 60-cyclical reckoning) of the Iron Tiger year in the 17th Rabjung (Tibetan), Dhu’l Qa’dah 19, 1431 (Islamic), or October 14, 2010 (Julian). Japan has long adopted the Gregorian calendar for months and days, but dates the year according to the year of the reigning Emperor, so this is the 27th day of the 10th month of Heisei 22. It is also the same month and day in North Korea, but this is the 99th year (dating from Kim Il-song’s birth year).

Recommended databases

- Encyclopedia of Astronomy & Astrophysics
  Full text of 2,750+ articles

- Web of Science (Web of Knowledge)
  Citations from 10,000+ journals and 120,000+ conferences

Comments (0)
Biscuits of number theory -
Benjamin, Arthur T., ed.
Call Number: (Science) QA241.B57
2009
ISBN: 088385340X

Comments (0)
Calendar Oddities

This research guide is designed to support the October 27th, 2010* Visions and Voices event, Calendar Oddities. Please use this guide to find further information on the topic and the event.

Last Updated: Sep 27, 2012  
URL: http://libguides.usc.edu/calendars  
Print Guide  
Email Alerts

Book Search

Search USC's Homer Catalog:

Books

- **Calendrical calculations** (Dershowitz, Nachum)
  - Call Number: (Doheny) CE12.D473 2008
  - ISBN: 9780521885409
  - This book does the math.

- **Marking time: the epic quest to invent the perfect calendar** (Steel, Duncan)
  - Call Number: (Doheny) CE6.S74 2000
  - ISBN: 0471298271

- **The Oxford companion to the year** (Blackburn, Bonnie J.
  - Call Number: (Doheny) CE73.B553 1999
  - ISBN: 0192142313

More books

- **The book of calendars** (Parise, Frank)
  - Call Number: (Leavey) CE11.B66 2002x
  - ISBN: 1931956766

- **The dance of time: the origins of the calendar: a miscellany of history and myth, religion and astronomy, festivals and feast days** (Judge, Michael)
  - Call Number: (Leavey) CE6.J83 2004
  - ISBN: 1559707461

- **The history of time: a very short introduction** (Holford-Strevens, Leofranc)
  - Call Number: (Doheny) CE11.H65 2005
  - ISBN: 0192804995

Sources on the Web

- **Calendars Through the Ages**
  - Announcing the Sky Discusses the relationship of astronomy and various types of calendar.

- **Chinese Calendars Online** Provides an array of horoscope verdicts based on Chinese astrological precepts.

* Asterisk in guide title indicates core subject guide

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Cultures and calendars - Calendar Oddities

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Last Updated: Sep 27, 2012

URL: [http://libguides.usc.edu/calendars](http://libguides.usc.edu/calendars)

Cultures and calendars

Search in Homer by subject: Calendar Chinese

- **Western-Chinese converter**
- **Chinese-Western Converter 両千年中西曆轉換**

**Annual customs and festivals in Peking as recorded in the Yen-ching Sui-shih-chi by Tun Li-chʻen** - Bodde, Derk, transl.

Call Number: (Doheny) GT4883.P4T8 1965

Illustrates the close interplay between food, ceremony and the calendar in traditional Chinese culture.

Comments (0)

Tibetan

Search in Homer by subject: Calendar Tibetan

- **Tibetan Calendar Converter**
- **Interconverting Tibetan and Western years**

**Kālacakra and the Tibetan calendar** - Henning, Edward

Call Number: (Doheny) CE38.5.H45 2007

ISBN: 9780975373491

Comments (0)

Islamic

Search in Homer by subject: Calendar Islamic

**Conversion of Hijri A.H. and A.D. dates**

**Astronomy in the service of Islam** - King, David A.

Call Number: (Doheny) QB23.K52 1993

ISBN: 086078357X

Comments (0)

Other calendar cultures

- **The thread of Ariadne; the labyrinth of the calendar of Minos** - Herberger, Charles F.
  
  Call Number: (Doheny) BL793.C7H47
  
  ISBN: 0802220894

- **A true Easter : the synod of Whitby 664 AD** - Ward, Benedicta
  
  Call Number: (Doheny) CE83.W37 2007
  
  ISBN: 0728301709

- **Astronomy and calendar in ancient Rome : the eclipse festivals** - Magini, Leonard
  
  Call Number: (Doheny) QB22.M34 2001
  
  ISBN: 8882651185

- **The Egyptian calendar : a work for eternity** - Bomhard, Anne-Sophie von
  
  Call Number: (Doheny) CE29.B66 1999
  
  ISBN: 190269905X

- **The year the stars fell : Lakota winter counts at the Smithsonian** - Greene, Candace S.
  
  Call Number: (Doheny) E99.D1Y43 2007
  
  ISBN: 9780803222113

- **One hundred summers : a Kiowa calendar record**
  
 Call Number: (Doheny) E99.K5G73 2009
  
  ISBN: 9780803219403

- **Head of all years : astronomy and calendars at Qumran in their ancient context** - Ben-Dov, Jonathan
  
  Call Number: (Doheny) CE35.B395 200
  
  ISBN: 9789004170889

- **Time, history and belief in Aztec and Colonial Mexico** - Aveni, Anthony F.
  
  Call Number: (Doheny) F1219.76.C35H37 2001
  
  ISBN: 029273140X

Also available as an electronic resource.

Comments (0)
Shakespeare's almanac: A midsummer night's dream, marriage, and the Elizabethan calendar - Wiles, David
Call Number: (Doheny) PR2827.W5 1993
ISBN: 0859913988

Comments (0)
In spite of the fact that we have had a presence on Mars for only a few decades, several people have developed calendars for marking Martian time.

Martian calendars
- Mars Calendar / Institute for Advanced Physics
- Martian calendar / Roger E. Kuiper
- CMEX Mars Calendar
- The Darian Calendar for Mars
- A Calendar for Mars / Robert Zubrin
- Mars Calendar / Shards Universe
- Arih Martian Calendar
- A Calendar for Mars / Vinicio Coletti
- Mars Calendar and Clock / Thomas W. Cronin

Out-of-this-world time

End of a Long "Day" on Titan
Imagine you have moved from Earth to Titan, Saturn's largest moon. You have somehow gotten past the methane atmosphere and lakes and the seasons of cold / colder / really cold / and frigid. How do you mark time? Titan is in synchronous rotation with Saturn, meaning that in the time it takes to rotate it also orbits Saturn (15 days, 22 hours in Earth time). From any given location on Titan, Saturn will remain in the same position in the sky, so a year or a day based on Titan's relationship with Saturn would be meaningless. That still, however, does give you a measurement of a "day," relative to the sun, that is just a bit longer than half an Earth month. How about the time it takes Titan (and Saturn) to orbit the Sun? That is 10,759 Earth-days (29.5 Earth years); an Earth-normal human lifetime should give you two or maybe three times around the sun; more practical for marking life stages than life events. Titan is in a 3:4 orbital resonance with Hyperion, another of Saturn's moons. This means that in the time it takes Titan to orbit Saturn 3 times, Hyperion orbits 4 times. So, from Titan Hyperion would appear to describe a complete cycle every 11 days and 22.5 hours (in Earth terms). There are two measures, one of 15 days + 22 hours and another that is 11 days + 22.5 hours. You could still, of course, use your Earth watch and calculate time according to how it passes "back home." Be prepared, though, for the younger generation to roll their eyes at how old planet you are.

Livin' on Titan Time

Comments (0)

The Darian Calendar for Titan

Comments (0)