



PROGRAMS AS OF APR. 30, 2009

Programs will continue to be updated. Please check the website for the latest details!

All activities are free and open to the public and take place on the University of Michigan's Ann Arbor Campus unless otherwise noted.

LECTURES AND PERFORMANCES

William R. Farrand Public Lecture "The Future of NASA"

Tony England, Former astronaut and Assoc. Dean of Engineering, U-M.
Rackham Amphitheatre, **Jan. 16**, 7:30 pm

Astronomy of the 21st Century Distinguished Speaker Series

Fridays at 7:30 p.m.
1800 Dow Chemistry Bldg.
Telescope viewing at Angell Hall
following lectures (weather permitting)

- Jan. 23:** "Witnessing the Formation of Galaxies," *Charles C. Steidel* (Caltech), Mohler Prize lecture
- Feb. 6:** "A Revolution in Planetary Science," *Alan Stern* (former NASA Associate Administrator)
- Feb. 20:** "Unveiling the Black Hole at the Center of our Galaxy," *Andrea Ghez* (UCLA), 2008 MacArthur Fellow
- Mar. 13:** "Binary Pulsars and Relativistic Gravity," *Joseph H. Taylor* (Princeton), 1993 Nobel Prize Winner
- Apr. 3:** "The Future of our Universe," *Fred Adams* (U-M), 1996 Warner Prize Winner

Eyes on the Universe Lecture Series

Wednesdays at 7:30 p.m.
Exhibit Museum of Natural History

- Jan. 28:** "Staring into Space: The Telescopes of Modern Astronomy," *Mario Mateo* (U-M Astronomy)
- Feb. 18:** "Revealing the Universe from Space," *Jon Miller* (U-M Astronomy)
- Mar. 18:** "Hot Places, A Michigan Story of the Exploration of Mercury," *Thomas Zurbuchen* (U-M Space Sciences)

Hatcher Library Gallery Films

- Jan. 29** 12:10 pm
Galileo's Battle for the Heavens
- Feb. 18** 7:00 pm
Queen of Outer Space

M-Flicks Film Series

- Jan. 30:** *Alien/Aliens* Double Feature
- Mar. 6:** *The Fifth Element*
- Mar. 20:** *2001: A Space Odyssey*

NASA Double Header

"Expanding Hubble's Vision," *Mike Weiss*, *Hubble Space Telescope*; and "The James Webb Space Telescope" *Jonathan Gardner*, *Goddard Space Flight Center Exhibit Museum*, **Jan. 30**, 7:30-9 p.m.

Penny Stamps Distinguished Visitor Series "Science Communication through Art and Technology"

José Francisco Salgado, PhD
Adler Planetarium, Michigan Theater,
Feb. 5, 5 p.m.

Saturday Morning Physics

Saturdays at 10:30 a.m.
170 Dennison

- Feb. 7:** "400 Years of Cosmic Discovery" *Timothy McKay* (U-M Physics)
- Feb. 14:** "How Earth Got its Water" *Ted Bergin* (U-M Astronomy)
- Mar. 7:** "Building Planets: when and how?" *Nuria Calvet* (U-M Astronomy)
- Mar. 14:** "Amateur Astronomy: From Ann Arbor to the Universe" *University Lowbrow Astronomers*
- Mar. 21:** "Supermassive Black Holes and the Evolution of Galaxies" *Douglas O. Richstone* (U-M Astronomy)
- Mar. 28:** "Black Holes along the Cosmic Time" *Marta Volonteri* (U-M Astronomy)
- Apr. 4:** "Milky Way Galaxy: Keeper of the Darkest Secrets of the Universe" *Oleg Gnedin* (U-M Astronomy)

Whitesell Memorial Lecture

"Politics and Astrology in the Galileo Affair"
Michael Shank (Univ. of Wisconsin)
Hatcher Library Gallery
Feb. 12 at 7:30 p.m.

Josie Kearns Poetry Reading

U-M poet reads from her new work,
The Theory of Everything
Shaman Drum Bookshop
311-315 S. State St., **Feb. 17**, 7-8:30 pm
Slusser Gallery, **Mar. 3** at 4 pm (1 pm Second Life)

"SecondHand Planet"

Program in the Environment Lecture
Robert S. Chen (Center for International Earth Science Information Network, Columbia University)
Exhibit Museum, **Mar. 4**, 5 p.m.

"Civil Space and the National Agenda"

Henry Russel Lecture
Lennard A. Fisk (U-M Space Sciences)
Rackham Amphitheatre, **Mar. 10**, 4 p.m.

The Planets

Ann Arbor Symphony Orchestra Family Concert, Michigan Theater, **Mar. 22**, 4 p.m.
Tickets: \$12/adults, \$5/children.

"Inflationary Cosmology: Is Our Universe Part of a Multiverse?"

Alan Guth (MIT) 2140 Natural Sciences Bldg.,
4:15 p.m. **Mar. 25**

The Life of Galileo

Theater production by Bertolt Brecht.
Residential College Auditorium, **Mar. 26-28**,
7:30 p.m.; **Mar. 29**, 2 p.m. \$10/adults,
students with ID free.

The Life of Galileo Panel Discussion

Residential College Aud., **Mar. 28**, 2 p.m.

Spotlight on Astronomy:

The U-M Galileo Manuscript

Peggy Daub, U-M Special Collections Library
Shapiro UG Library, B136, **Apr. 1**, 7 p.m.

"Yuri's Night: Celebration of the first human space flight by Yuri Gagarin"

Film screening and discussion.
Rackham Amphitheatre, Apr. 14, 7-10 p.m.

EXHIBITIONS

"Meanwhile, More Light"

Dennison window mural by Jim Cogswell,
Completed **Nov. 2008**

Out of this World

Astronomical images, Hatcher Library Gallery,
Jan. 22-Mar. 7; Reception **Feb. 19**, 4-7 pm

New Views of the Universe

Interactive, multimedia exhibit, Exhibit
Museum of Natural History, **Jan. 31-Jul. 5**

ViewSpace

Internet-fed exhibit on space and earth
science. Exhibit Museum of Natural History,
opens **Jan. 31**

Reaching for the Stars, and Beyond: Astronomy at the University of Michigan

Exhibit Museum of Natural History,
Jan. 31-Aug. 30

Divine Sky: The Artistry of Astronomical Maps

On-line exhibit of early maps from the Map
and Science Libraries. Launches **Feb. 19**

Imagining the Universe

Fine art, A&D Slusser Gallery,
Feb. 6-Mar. 6; Reception Feb. 6, 6-9 pm

Watchers of the Sky

Rare original manuscripts by Galileo and others.
Special Collections Library, **Feb. 9–Apr. 19**

Celestial Maps: Third Thursday in the Map Library. Historical celestial maps.
Hatcher Library Gallery, **Feb. 19**, 4-7 pm

Silence: Reading the Heavens

Mixed media installation by Jim Cogswell.
Residential College Gallery, **Mar. 6–Apr. 10**
Reception **Mar. 6**, 5-7 pm

Out There

Astronomical images and fine art.
Work•Detroit Gallery, **Apr. 3–May 2**

Star-Gazing: 150 Years of Astronomy at U-M

Photos, letters, and other rarities.
Bentley Historical Library through **April 30**.

STAR GAZING

Field Astronomy

Naked-eye star-gazing workshops at
Matthaei Botanical Gardens.
Jan. 21, 7 - 8:30 pm; **Mar. 25**, 8:30 - 10 pm;
Apr. 22, 8:30 - 10 pm
All ages. Advance reservations required.
\$5 adults, \$2 children, U-M students free.
(734) 647-7600

Campus Star Parties

Astronomy demonstrations and activities
hosted by the University Lowbrow Astronomers
and the Student Astronomical Society.
Mar. 7 & Apr. 4 in MLB 4 and Ingalls Mall, 8
pm. No reservations required; free. **Feb. 14**
at Matthaei Botanical Gardens, 7-8:30 p.m.

U-M Radio Astronomy

Observatory Open House
Peach Mountain, Dexter, MI
Apr. 26, 2-4 p.m. Tour and introductory
lecture at 2:15 p.m.

Angell Hall Observatory Open Houses

Telescope viewing hosted by the Student
Astronomical Society. On cloudy nights,
planetarium shows will be offered instead.
Check website for dates and times:
www.astro.lsa.umich.edu/sas/openhouse.html

Exhibit Museum Planetarium Shows

New digital projection system. Current
shows include *Hubble Vision*, *The Sky
Tonight*, and *Black Holes*. Tickets: \$4.75.
See website for schedule:
www.lsa.umich.edu/exhibitmuseum.

EXPERIENCE

Science Café Series

Presented by the Exhibit Museum of
Natural History at Conor O'Neill's Pub,
318 S. Main St., 5:30 - 7:30 pm

Jan. 14: Religion and Science

Feb. 11: Astrobiology

Mar. 11: Dark Energy and the
Accelerating Universe

Apr. 15: Manned vs. Unmanned
Space Exploration

Ann Arbor/Ypsilanti Reads

Annual community reading program and
civic dialogue, this year featuring
*Seeing In The Dark: How Amateur
Astronomers Are Discovering The Wonders
of The Universe*, by Timothy Ferris.
Lecture by the author: **Jan. 29** at 7:30 pm.
Morris Lawrence Building, Washtenaw
Community College

Exhibition Tour on Second Life

Feb. 6 & Apr. 3, 12 noon

Reading of Astronomers' Favorite Poems

845 Dennison, **Mar. 16** at 4 pm
(1 pm Second Life)

Astronomy Poetry by the U-M Community

Exhibit Museum, **Apr. 6**, 6 pm
(3 pm in Second Life)

Detroit Observatory Open Houses

Docent-led tours of the restored
1854 observatory, from 1-4 p.m.
March 14 & 22, Apr. 11 & 19, May 23

FestiFools Parade

Annual street festival of huge puppets and
April foolery; Main St. between William and
Washington, **Apr. 5** at 4 pm

Solar System Walk

Presented by the Exhibit Museum
of Natural History
Pick up your passport and tour the solar
system on the U-M Diag and Ingalls Mall
Apr. 18, 11 am - 3 pm

Exhibit Museum Planetarium Shows

(see above)

FOR FAMILIES

Beyond Earth: Exploring Outer Space Family Reading and Science Program

Different hands-on science workshops each
month from Jan-Mar for children ages 6-11
with an adult, presented by the Exhibit
Museum of Natural History at 39 public
libraries in Southeastern Michigan and at the
Museum. Schedule on website:
www.lsa.umich.edu/exhibitmuseum

The Planets Family Concert, **Mar. 22**

(see above)

Beyond Earth: A Space Discovery Day

Hands-on stations, demonstrations,
experiments, and craft activities.
Exhibit Museum of Natural History
Mar. 28, 9 am-5 pm.

SciencePalooza Street Fair: Astrophysics

A science extravaganza focusing on
astronomy and astrophysics.
Ann Arbor Hands-On Museum, 220 E. Ann St.
Apr. 4, 10 a.m.-4 p.m.; **Apr. 5**, noon-4 p.m.
Free with Museum admission.

FestiFools Parade, Apr. 5 (see above)

Solar System Walk, Apr. 18 (see above)

Star Gazing (see above)

Exhibit Museum Planetarium Shows
(see above)

FOR SCHOOL GROUPS

The Planets

Ann Arbor Symphony Orchestra Youth
Concerts, Hill Auditorium, **Mar. 19** at
10:15 am and 12:15 pm. For grades 1-8.
Ticketed. Contact 734/994-4801.

Explore the Universe Learn It, Do It Day

Mar. 27 for grades 2-6. Hands-on activities,
experiments, and exhibits. Exhibit Museum
of Natural History. Optional one-hour guided
visit to labs in the Dept. of Atmospheric,
Oceanic, and Space Sciences. Reservations
required; fees apply. (734) 764-0480.

Exhibit Museum Planetarium Shows for School Groups

Shows available for all grades. Fees vary.
Reservations required, (734) 764-0480.

SCHOLARLY EVENTS

These events are organized for scholarly
practitioners and are not generally open to
the public.

The LHC and Dark Matter Workshop

Michigan Center for Theoretical Physics,
Jan. 6-10

Annual Convention of the Antique Telescope Society.

U-M Detroit Observatory, **May 8-10**

Astronomy Colloquium Series

Department of Astronomy, on-going

High-Energy Astrophysics Seminars

Department of Physics, on-going

The Universe: Yours to Discover Winter
2009 LSA Theme Semester was organized
by the U-M Department of Astronomy and
the Exhibit Museum of Natural History with
support from numerous U-M and community
co-sponsors.



www.lsa.umich.edu/universe

WINTER 2009 LSA Theme Semester