NOV. 2, 2006 - NOV. 11, 2006

SCOPE is a twice-weekly newsletter for the New Mexico Tech community, provided as a service by the Office for Advancement.

Thursday, Nov. 2

Programming with Python: 4 p.m., Weir 128. Today: "Numeric and scientific packages"

Chemistry Seminar: 4:30 p.m., Jones Annex 101. Dr. Dr. Hollie Jacobs, Dept. Chemistry, New Mexico State University, speaks on "Ligands for the Selective Chelation of Iron and Actinides."

Career Services Event: 5-7 p.m., MSEC 103, Microsoft Information Session. For more information, contact Career Services at 835-5780.

Intro to XML: 5:30 p.m., MSEC 187. Today: " Formatting for print: the XSL Formatting Objects"

Swing Dance: 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

Friday, November 3

Graduate Assistantship Training: 10 a.m., Tripp Room, Skeen Library. For people who hire graduate assistants, Debbie Wallace and Dave Johnson of the NMT Graduate Office will provide training in initiation and processing of graduate assistantship contracts.

NRAO Colloquium: 11 a.m., AOC. Jon Miller, Univ. of Michigan, speaks on "Relativistic Iron Lines in Accreting Black Holes."

Management Seminar: noon, Speare 113. Trevor Loy, CEO of Flywheel Ventures (a venture capital firm in Santa Fe) speaks on "Introduction to Venture Capital and Entrepreneurship."


Saturday, November 4

Exploration Day: for prospective students and families. See http://infostorm.nmt.edu/mainpage/admission/exploration.html or call Admission at 1-800-428-TECH for details.

Rugby Match: Phil Chacon Park, Albq. Tech Pygmies vs. Albuquerque Aardvarks

Socorro Striders and Riders: 8:30 a.m., meet at Snake in front of EMRTC. 5 K running race. No pre-registration, but runners must be Striders and Riders members and pay a $5 series entry fee. There will be a $25 prize for the series championship in each age group.

Monday, Nov. 6

Electrical Engineering Research Week: 2 p.m., Tripp Room, Skeen Library. Ms. Joan Shedivy will give a lecture about patents for electrical engineers. See http://infostorm.nmt.edu/~nmtlib/INFO/researchwk.html

Hydrology Seminar: 3:30 p.m., MSEC 103. Faculty candidate Jerry Fairley, Department of Geological Sciences, University of Idaho, speaks.

Career Services Event: 5-7 p.m., Tripp Room, Skeen Library. Schlumberger Information Session. For more information, contact Career Services at 835-5780.

Movie Night: 5 p.m., Workman 101. "Who Killed the Electric Car?" Sponsored by Students for Progressive Action and REEAL.

Astrobiology Lecture: 7 p.m., Workman 101. Dr. Chris McKay of NASA/Ames Research Center speaks on "A Search for a Second Genesis of Life in Our Solar System." He discusses the prospects for life on Mars, Europa, and Enceladus.

Electrical Engineering Research Week: 7 p.m., Garden Level, Library (near Print Journals). Dr. Bob Bond will talk about industry work in the EE field. See http://infostorm.nmt.edu/~nmtlib/INFO/researchwk.html

Tuesday, Nov. 7

Career Services Event: Schlumberger 1st Interviews, Career Services/Student Affairs, Fidel Center. Sign up on MonsterTRAK. For more information, contact
Career Services at 835-5780.

**Jones Hall Open House:** noon to 6 p.m., begins in Jones 106. Meet our new electron microscopist, Eric Krosche. Have refreshments with faculty. At 3 p.m., Dr. Sid Gutierrez of Sandia National Labs (an NMT regent and former astronaut) speaks on "The Shuttle: Engineering, Science, and Safety." From 4 to 6 p.m., demonstrations of glass pouring, hydrogen-fueled car, "famous" tuning forks, and much more.

**Faculty Senate:** 4 p.m., Workman 101

**Electrical Engineering Research Week:** 5 p.m., Tripp Room, Library. Former NMT EE students will share perspectives on work and life beyond Tech. See [http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html](http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html)

**Entry Deadline:** 6 p.m. Fidel Center Gameroom. Association of Colleges Union International 9-ball tournament.

**Electrical Engineering Research Week:** 6 p.m., Tripp Room, Library. Mr. Joe Craig will give a lecture entitled "RFID Homodyne Receiver for I&Q Detection." Joe Craig is an RF/analog engineer with TransCore.

**Wednesday, Nov. 8**

**Employee Benefits Fair:** 9 a.m. to 3 p.m., Macey Center. Information on benefits for New Mexico Tech employees. HCH will offer information on the latest changes in health insurance at 9 a.m., 10:30 a.m., and 1:30 p.m.

**Career Services Event:** Schlumberger 2nd Interviews, Career Services/Student Affairs, Fidel Center. Sign up on MonsterTRAK. For more information, contact Career Services at 835-5780.

**Programming with Python:** 5:30 p.m., Weir 128. Today: "Active web pages and database access"

**IEEE Meeting/Electrical Engineering Research Week:** 7 p.m., Jones Annex 101. Dr. Clifton Courtney, Senior Scientist, Voss Scientific will talk about his work experience in numerical and computational electromagnetics, and high power antenna and RF component design and manufacture. See [http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html](http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html)

**Thursday, Nov. 9**

**Geoscience Seminar:** 4 p.m., MSEC 101. Jane Selverstone of the Univ. of New Mexico speaks on "Relationships between metamorphic fluid composition and rheology at depth in the crust." Sponsored by Earth and Environmental Science
Dept. and NM Bureau of Geology and Mineral Resources.

**Physics Seminar:** 4 p.m., Workman 101. Dr. Eric Bakker of MRO speak on "MRO interferometry, project update"

**Programming with Python:** 4 p.m., Weir 128. Today: "Active web pages and database access"

**Electrical Engineering Research Week:** 5 p.m., Tripp Room, Skeen Library. Dr. Ron Thomas of the Electrical Engineering Department will talk about lightning and atmospheric research. See http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html

**Library Lecture Series:** 7 p.m., Tripp Room, Skeen Library. In celebration of the 50th anniversary of NRAO, Skeen Library presents the third of three lectures. Topic: "Diversity in Astronomy: Women at Different Wavelengths." Free. Light refreshments.

**Swing Dance:** 8 to 10 p.m., SAC. Sponsored by New Mexico Tech Ballroom Dance Club. Not limited to swing dancing. If you want a special song or style please bring a CD for us to play. Open to everyone; includes short lesson, if requested.

**Friday, Nov. 10**

**Science Olympiad Workshop:** for teachers interested in bringing teams to Science Olympiad in February. For details, see http://infohost.nmt.edu/~science/olympiad/Workshop.htm

**Electrical Engineering Research Week:** 1-5 p.m., Tripp Room, Skeen Library. Poster Session and Demonstration. Anyone who wishes to display a poster or conduct a demonstration for Electrical Engineering or a closely related field is encouraged to participate. See http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html

**Electrical Engineering Research Week:** 3 p.m. Library Reference Area. Ms. Stephanie H. Wical will give a library tour and overview of resources for Electrical Engineering. See http://infohost.nmt.edu/~nmtlib/INFO/researchwk.html

**Mathematics Seminar:** 4 p.m., Weir 209. Brian Borchers speaks on "Progress in Solving Some Large Maximum Independent Set Problems"

**Music Dept. Concert:** 7:30 p.m., Macey Center. NMT Chamber Orchestra and Concert Chorus performing Rossini’s Stabat Mater. Doug Dunston directs. FREE, open to public.
Saturday, Nov. 11

Science Olympiad Workshop: for teachers interested in bringing teams to Science Olympiad in February. For details, see http://infohost.nmt.edu/~science/olympiad/Workshop.htm

27th Annual NM Mineral Symposium: through tomorrow, Macey Center. For professionals and amateurs interested in mineralogy. For information, contact 505-835-6609/ 5140 or see http://geoinfo.nmt.edu/museum/ minsymp/home.html

Rugby Match: 1 p.m., Tech Athletic Field. Tech Pygmies vs. El Paso Scorpions