

## Oct. 11 - 21, 2007

### Thursday, October 11

**Enchanted Skies Star Party:** One of America's great star parties! See <http://www.socorro-nm.com/starparty/index.html>

**NRAO Colloquium:** 2 p.m., AOC. Josh Eisner, Berkeley, speaks on "Building Blocks of Planets around Young Stars."

**Geoscience Seminar:** 4 p.m., MSEC 101. Rob Sanders of New Mexico Tech speaks on "Deciphering Proterozoic tectonic and metasomatic events in the Sangre de Cristo Mountains, New Mexico."

**Electrical Engineering and Physics Seminar:** 4 p.m., Workman 101. Dr. Susan Dunston of NMT will discuss: "Professional Ethics in Science and Philosophy."

**Advanced Python Applications:** 4 p.m., Speare 23. Free class. Open discussion of Python programming tools and methods.

**Chemistry Seminar:** 5 p.m., Jones Annex 101. Mr. Artem Kireev, Department of Chemistry, New Mexico Tech, speaks on "Enantiodivergent formal synthesis of (+)- and (-)-Cyclophellitol from d-Xylose based on the Latent Symmetry Concept."

**Programming with Python:** 5:30 p.m., Weir 128. Free class. This week: Introduction to objects

**Review for FE Exam:** 6-8 p.m., Cramer 239. Exam will be on Oct. 27. Tonight: Dr. Sayavur Bakhtiyarov on Engineering Dynamics.

**Halliburton Information Session:** 6 - 8 p.m., Tripp Room, Skeen Library.

**Swing Dance:** 8 - 10 p.m., SAC. 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. Sponsored by the New Mexico Tech Ballroom Dance Club.

### Friday, October 12

**Enchanted Skies Star Party:** One of America's great star parties! See <http://www.socorro-nm.com/starparty/index.html>

**Proud Parent Weekend:** Proud Parents of Tech students are invited to come enjoy events on campus and in Socorro, courtesy of the Admission Office. Details at <http://www.nmt.edu/mainpage/admission/ppw2007.html>

**Halliburton Interviews:** all day, Career Services/Student Affairs and Advising Resource Center, Fidel. Co-Sponsored by Graduate Studies and Career Services.

**Verge Fund Management Dept. Speaker Series:** 11 a.m., MSEC 101. Tom Stephenson, Principal of the Verge Fund, will discuss venture capital, how it works, and how people with ideas that need funding can access venture capital. The Verge Fund is focused on seed-stage, high-growth opportunities in New Mexico. Everyone is welcome!

**NRAO Colloquium:** 11 a.m., AOC. Alicia Soderberg, Caltech, speaks on "A Radio View of the GRB-SN Connection."

**Graduate School Workshop:** Noon-1:30 p.m., Career Services/Student Affairs, Fidel.

**Ricardo Lemvo and Makina Loca:** 7:30 p.m., Macey Center. Afro-Cuban high-energy dance band. Tickets: \$14 adults; \$12 seniors; \$10 youths. NMT Performing Arts Series. <http://www.nmt.edu/mainpage/pas/lemvo.html>

## Saturday, October 13

**Socorro Fest:** all day, Socorro Plaza. Music, arts, crafts, food, entertainment, spirits tent, and more! See: <http://www.socorrofest.com/>

**Enchanted Skies Star Party:** One of America's great star parties! See <http://www.socorro-nm.com/starparty/index.html>

**Proud Parent Weekend:** Proud Parents of Tech students are invited to come enjoy events on campus and in Socorro, courtesy of the Admission Office. Details at <http://www.nmt.edu/mainpage/admission/ppw2007.html>

**Brenda Manos Memorial Ranch Rodeo:** Playas, N.M. Sponsored by EMRTC and Playas Training and Research Center. Roping, barrel races, etc., barbecue, horseshoe competition, cowboy poetry, kids' games, evening dance. For details, contact 505-418-8972.

**Billiards Tournament:** Game Room. "A" and "B" divisions "7-9-8" tournament (a Plaque event). Entry deadline 5:30 pm Friday, Oct. 12. For more information, see

<http://infohost.nmt.edu/~billiard/tournaments/2007/fall/index.html>

**Wario Ware Smooth Moves Wii Tournament:** 7 - 10 p.m., Skeen Library. Prizes, food, and games. Game stations around the library, including Smash Brothers Melee for the Game Cube, Dance Dance Revolution for Play Station 2, and Halo on the X-box.

**Soccer Match:** 7 p.m., Tempe, Ariz. Tech Miners vs. Arizona State. Conference match.

## Sunday, October 14

**Billiards Tournament:** Game Room. "A" and "B" divisions "7-9-8" tournament (a Plaque event). Entry deadline 5:30 pm Friday Oct. 12. For more information, see <http://infohost.nmt.edu/~billiard/tournaments/2007/fall/index.html>

**Soccer Match:** 11 a.m., Tempe, Ariz. Tech Miners vs. Arizona State. Conference match.

## Monday, October 15

**Children's Center Countdown:** 78 days! Donations received by Dec. 31 will be matched. For details, see <http://www.nmt.edu/mainpage/giving/cc.html>

**Distinguished Teaching Presentation:** 4 p.m., Tripp Room, Skeen Library. Dr. Warren Ostergren, Associate Professor of Mechanical Engineering, and Recipient of the 2007 Distinguished Teaching Award, gives a presentation. Sponsored by Center for Innovative Teaching and Learning.

**Biology Seminar:** 4 p.m., MSEC 103. Dr. Barbara Lyons of NMSU speaks on "Structural and Dynamic Analysis of Proteins in Neural Cell Motility." Part of the National Institutes of Health-funded INBRE series. Meet-the-speaker-lunch, noon, Jones Annex 3rd Floor Lounge. Details at: <http://infohost.nmt.edu/~biology/INBRE/>

**Review for FE Exam:** 6-8 p.m., Cramer 239. Exam will be on Oct. 27. Tonight: Dr. Osman Inal on Intro to Materials Engineering.

**The Mikado:** 7 p.m., Cramer 120. The Mikado will be the Spring musical performed on April 11-13, 2008. Everyone who is interested and not familiar with the operetta is invited to the screening. There are 9 primary and secondary leads -- four women and five men. There is also a somewhat large chorus. Audition date and time will be announced at the Screening and here

in Scope after the screening.

## Tuesday, October 16

**Board of Regents Meeting:** 1:30 p.m., Macey Center. Personnel and legal matters are considered in Executive Session.

**SF Reading and Signing:** 3:30 p.m., Tripp Room, Skeen Library. Miners' Ink presents science fiction writer and game designer Walter Jon Williams, reading from one of his recent works and doing a booksigning. Williams' works include *Hardwired*, *The Rift*, *The Praxis*, and the forthcoming *Implied Spaces*.

**Review for FE Exam:** 6-8 p.m., Cramer 239. Exam will be on Oct. 27.  
Tonight: Dr. Tanja Pietrass on Chemistry.

## Wednesday, October 17

**BJ Services Interviews:** all day, Career Services/Student Affairs, Fidel.

**Programming with Python:** 4 p.m., Speare 116. Free class. This week: Object example; special methods

**Advanced Python Applications:** 5:30 p.m., Weir 128. Free class. Open discussion of Python programming tools and methods.

**Review for FE Exam:** 6-8 p.m., Cramer 239. Exam will be on Oct. 27.  
Tonight: Dr. Carlos Ulibarri on Engineering Economics.

## Thursday, October 18

**49ers Alumni Registration:** 8 a.m. to 5 p.m., Alumni/ Advancement Office, Fidel Center. Alumni are invited to drop by our office on the 2nd floor of Fidel, southwest corner, to meet and mingle.

**Chemistry Dept. Symposium:** all day, Workman 101. The Chemistry Dept. presents its 10th annual symposium, featuring talks by Tech alumni. See schedule at <http://www.nmt.edu/mainpage/events/chemsym.html>

**Library Seminar:** 2 p.m., Tripp Room Skeen Library. Dr. Thomas J. Bowles, Science Advisor to Governor Bill Richardson, speaks on "Making New Mexico First in Innovation." Bowles is Chief Scientist (on leave), Los Alamos National

Laboratory. Sponsored by Special Libraries Association and NMT Skeen Library.

**NRAO Colloquium:** 2 p.m., AOC. Video Seminar from UVA by Sheila Kannappan, UNC

**Geoscience Seminar:** 4 p.m., MSEC 101. Rama Murthy of UNM speaks on "Radioactivity of the Earth: Myths, Models, and Measurements."

**NRAO Colloquium:** 4 p.m., AOC. Karl Menten, this year's Jansky Lecturer, speaks on "New Tales from the Orion Nebula and (Slightly) Beyond."

**Advanced Python Applications:** 4 p.m., Speare 23. Free class. Open discussion of Python programming tools and methods.

**49ers Student Events:** beginning at 4:30 p.m., . Powderpuff Football on Tech Athletic Field. Food contests at La Raj. At 8 p.m. in Macey, Desert Roses Repertory followed by comedian Eddie O'Shea. Details at: <http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**Programming with Python:** 5:30 p.m., Weir 128. Free class. This week: Object example; special methods

**Review for FE Exam:** 6-8 p.m., Cramer 239. Exam will be on Oct. 27. Tonight: Dr. Don Weinkauf on Heat and Mass Transfer; AND Dr. Corey Leclerc on Thermodynamics.

**Swing Dance:** 8 - 10 p.m., SAC. 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. Sponsored by the New Mexico Tech Ballroom Dance Club.

## Friday, October 19

**49ers Celebration:** all day, around campus. Complete schedule at: <http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**Alumni Reunion:** noon Fidel 3rd Floor. Class of 1957, and all classes up to 1957. For information, email the Alumni Office at [alumni@admin.nmt.edu](mailto:alumni@admin.nmt.edu).

**49ers Student Events:** beginning at noon, Tech Athletic Field. Club Carnival and fund raisers, car show and barbecue sponsored by NMTARC, North vs. South football. Details at: <http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**49ers Alumni Events:** Tour of EMRTC (reservations required), Alumni Dinner, night tour of MRO (reservations required). Contact Carol Lynn at 835-5292. Also see <http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**Black-and-Blue Rugby Match:** 4:30 p.m., Tech Athletic Field. NMT Pygmies vs. Pygmy Alumni. For information, contact Dave Wheelock, [dwheelock@admin.nmt.edu](mailto:dwheelock@admin.nmt.edu) or 835-5854.

**Annual Karl G. Jansky Lecture:** 8 p.m., Macey Center. Professor Karl M. Menten of the Max-Planck-Institute for Radioastronomy, Bonn, Germany, speaks on "Tuning in to the Molecular Universe." The lecture is free and open to the public. All are invited. <http://www.nrao.edu/pr/2007/jansky/>

## **Saturday, October 20**

**49ers Celebration:** Schedule at:  
<http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**49ers Alumni Breakfast:** 8:30 a.m., Fidel Dining Room.

**49ers Parade:** 11 a.m. (line-up at 10 a.m. in Sedillo Park), California St. Theme: 49ers Rocks! Prizes awarded on Plaza after parade, along with prizes for beard-growing contest.

**49ers Volleyball Matches:** noon, South vs. Driscoll. 3 p.m., Students vs. Faculty.

**Soccer Match:** 1 p.m. Tech Athletic Field. Tech Miners vs. Miner Alumni.

## **Sunday, October 21**

**49ers Celebration:** Schedule at:  
<http://www.nmt.edu/mainpage/alumni/49ers/homepage.html>

**M Mtn Run:** starts 9 a.m. An old School of Mines tradition! TWENTY Prizes of \$50 to the first TWENTY students or teams of students to reach the top of M Mountain with a bag of lime. Hamburgers and soft drinks at top of mountain. Sign up in advance at Brown 200 or call 505-835-5646.

**Student Pancake Brunch and Tutoring Session:** 2- 4 p.m. Fidel Dining Room. Get help on that post-49ers homework!

---

# SCOPE Notices

## NEWS:

--The U.S. Department of Energy recently announced federal funding awards made to three large-scale carbon sequestration projects in the United States, including one coordinated by New Mexico Tech.  
<http://www.doe.gov/news/5597.htm>

--Mine Safety Exercise Conducted,  
<http://www.nmt.edu/mainpage/news/2007/10oct01.html>

--Cramer Hall Wins Award, <http://www.nmt.edu/mainpage/news/2007/2oct03.html>

--Socorro is Moving! <http://www.nmt.edu/mainpage/news/2007/2oct01.html>

## KUDOS:

--On October 5, three Alliance for Minority Participation (AMP) Undergraduate Research Assistants and Mechanical Engineering Professor/ AMP Mentor, Dr. Nadir Yilmaz, attended the annual AMP Conference held in Las Cruces. Michael Freeman received 2nd place for his oral presentation, "Utilization of Vegetable Oils in Compression Ignited Engines."

## SCOPE SCHEDULE:

--There will be no emailed SCOPE on Oct. 29, Nov. 1, and Nov. 5. SCOPE will resume its normal twice-a-week schedule on Nov. 8.

--Notices that are sent in advance of Oct. 26 will be added to the queue and will appear in the online version of SCOPE and on the Tech homepage. Notices sent between Oct. 27 and Nov. 7 will be posted after Nov. 7.

--SCOPE apologizes for the inconvenience, but please plan ahead!

## FINAL EXAM SCHEDULE:

--The final exam schedule is posted at  
<http://www.nmt.edu/mainpage/registration/finals07.pdf>. If you have a conflict, please talk to the professors of the courses involved.

## **TRIP TO SPACEWARD GAMES 2007:**

--Prof. Anders Jorgensen of Electrical Engr. wishes to form a team of Tech students (10 at max.) to observe the Spaceward Games and gauge interest in forming a team to compete in the future. The games will be held in Salt Lake City, Oct. 19 - 21. Travel expenses will be covered by three Tech vice presidents: Dr. Gerity, VPAA, Dr. Maestas, VPSUR, and Dr. Romero, VPRED.

--The Spaceward Foundation exists to promote space technology and space exploration, and is funded through the NASA Centennial Challenges program, which also provides prize money. The games are similar to the X-prize games. The Spaceward Games bring together teams from around the country, mostly of college students, to compete in technological challenges, such as developing technologies needed for a space elevator.

--Interested students should contact Dr. Jorgensen. More information is available at <http://www.spaceward.org/>

## **49ERS IS COMING!**

--REMINDER: If you want to be in the 49ers Parade, "49ers Rocks," turn in your parade entry form ASAP to Colleen Guengerich, Public Info Office! Parade is on Sat., Oct. 20. Sign-up form is at <http://www.nmt.edu/mainpage/events/2007paradeform.pdf>

--Beard-growing contest: Prizes to be awarded Oct. 20 on the Plaza. Prizes for longest, most creative, best historical. Thanks to Van Romero ('77, '79), New Mexico Tech vice president for research and economic development, for prizes

## **WANT MONEY?**

--The New Mexico Space Grant Consortium offers research scholarships for engineering, science, and math majors at both the undergraduate and graduate levels. Graduate students are eligible for \$5000/year; undergrads are eligible for \$2000/year. Details and application form at <http://spacegrant.nmsu.edu/NMSU/scholarships/index.html> **Deadline to apply: Oct. 15, 2007.**

## **INTERNATIONAL FLAGS:**

--The international flags in front of Fidel Center represent countries that Tech

students come from. The U.S. and New Mexico flags fly in front of Brown Hall daily.

--From Oct. 8 through Oct. 19, Fidel flags represent Kazakhstan, Kuwait, Macedonia, Mexico, Morocco, and Myanmar (Burma).

--From Oct. 22 through Nov. 2, Fidel flags represent Nepal, Netherlands, Nicaragua, Nigeria, Norway, and Pakistan.

## **REGISTRAR'S OFFICE (FIDEL SECOND FLOOR:)**

### **Important Academic Dates:**

Wednesday, Oct. 10: **Midsemester**

Friday, Oct. 19: **Academic Holiday, 49ers Celebration**

Saturday, Oct. 20: **49ers Celebration**

Thursday, Nov. 22: **Academic and Staff Holiday**

Friday, Nov. 23: **Academic and Staff Holiday**

Nov. 26 - 30: **Registration for Spring 2008:** Monday, Graduate students and Tech scholars; Tuesday, seniors; Wednesday, juniors; Thursday, sophomores; Friday, freshmen.

Friday, Dec. 7: **Last Day of Classes**

Saturday, Dec.: **Finals begin**

Thurs., Dec. 13: **Last day of finals**

Monday, Jan. 21: **Orientation and Welcome Back Day**

Tuesday, Jan. 22: **Classes begin**

Friday, Feb. 8: **Registration Closes:** 5 p.m., Registrar's Office. Last chance to add a class or withdraw without a "W."

--DEC. 2007 GRADS: If you plan to graduate in December 2007, please check your name, degree, and minor (if any) at <http://www.nmt.edu/mainpage/commencement/c2008/dec2007grads.pdf>. This information will appear on your diploma. If you wish to change anything, please contact the Registrar's Office.

--If your name does not appear here and you intend to graduate, please turn in your Intent to Graduate form to the Registrar's Office immediately.

--Questions concerning academic policies, degrees, grades, etc. are welcome at our office. Come by and see us.

## **JOB OPENINGS AT TECH:**

Full descriptions of job openings are available at Job Openings, <http://externalweb.nmt.edu/hr/>. New Mexico Tech is an Equal Opportunity/Affirmative Action Institution.

---

***SCOPE is a twice-weekly newsletter for the New Mexico Tech community, provided as a service by the Public Information Office.*** SCOPE is generally emailed on Mondays and Thursdays during academic semesters. There is no specific deadline. Events are entered on a rolling basis as they come in.