W.V.T. RUSCH ENGINEERING HONORS COLLOQUIUM
SPRING 2011 SEMESTER
SGM 101, 1:00pm – 1:50pm
Ken Diedrich, Student Moderator
Dr. Aluizio Prata, Faculty Director – prata@usc.edu
Amanda Atkinson, Program Coordinator – amanda.atkinson@usc.edu

January
14 Screening of the video documentary "The Great Transatlantic Cable."

21 The Search for Exoplanets, Dr. Jakob van Zyl, Jet Propulsion Laboratory, M/S 180-704, 4800 Oak Grove Dr., Pasadena, CA 91009.

28 Living with Complex Technological Systems: Lessons from Bopal to BP Deep Water Horizon, Professor Najmedin Meshkati, Sonny Astani Dept. of Civil and Environmental Engineering, University of Southern California, Los Angeles, CA 90089.

February
4 Recreating the Great Fort Tejon Earthquake of 1857, Prof. Swaminathan Krishnan, Assistant Professor of Structural Engineering & Geophysics, California Institute of Technology, 209 Thomas Laboratory, California Institute of Technology, 1200 East California Blvd, Mail Code 104-44, Pasadena, CA 91125.

11 High-efficiency Solar Cells for Power Generation, Dr. Nasser Karam, Vice President for Advanced Technology Products, Boeing Spectrolab, 12500 Gladstone Ave., Sylmar, CA 91342.

18 Blue Language: Exploring Na’vi, Avatar’s Native Voice, Prof. Paul Frommer, Professor Emeritus of Clinical Management Communication at the Marshall School of Business, University of Southern California.


March
4 Engineering Deepwater Drilling and Production: Rage Over the Macondo Well, Prof. Iraj Ershaghi, Omar B. Milligan Professor and Director, Petroleum Engineering Program, Mork Family Department of Chemical Engineering and Material Science, University of Southern California.

11 From Internet to Smart Grid, Dr. Steven H. Low, Professor of Computer Science and Electrical Engineering, California Institute of Technology, 282 Jorgensen Laboratory, 1200 East California Blvd, Mail Code 256-80, Pasadena, CA 91125.

18 Spring Break

25 The Only Constant is Change, John McLaughlin, Chief Engineer, WET Design, 10817 Sherman Way, Sun Valley, CA 91352.

April
1 Subway to the Sea, Michael Kennedy, Transportation Planner, and Tamar Fuhrer, Transportation Planner, Fehr & Peers, Inc., 201 Santa Monica Blvd., Suite 500, Santa Monica, CA 90401.

8 Building an Organization to Bend Metal, Not Push Paper, Christopher Roth, Avionics Engineer (and Spring 2008 Honors Program Moderator), SpaceX, 1 Rocket Rd., Hawthorne, CA 90240.

15 Photonics Based Telemedicine Technologies toward Smart Global Health System, Aydogan Ozcan, Associate Professor UCLA Electrical Engineering Department, Engr. IV Building 68-119, University of California, Los Angeles, 90095.

22 Imagineering: Engineering the Story, Molly Rinke, Ride Controls Engineer, Walt Disney Imagineering, 1401 Flower St., Glendale, CA 91201-2421.

29 Semester End BBQ at Scene Dock Patio