

SEMINAR ANNOUNCEMENT

WHO: **Chaouki T. Abdallah**
Provost & EVP for Academic Affairs, and Professor
Department of Electrical & Computer Engineering
University of New Mexico
Albuquerque, NM 87131-0001

WHAT: **Complex Networks**

WHEN: Monday, 16 June 2014, 9:00–13:00
Tuesday, 17 June 2014, 9:00–13:00

WHERE: Dipartimento di Ingegneria, Centro Direzionale di
Napoli, Isola C4 – Aula Savarese



Abstract — In this course, you will learn about complex systems, focusing on networked systems. While complexity is a concept that prevails in many systems, the intent of this course is to focus on distributed systems formed by the interconnections of a large number of subsystems. The material will follow closely the structure of the textbook by Newman (*Networks: An introduction*, Oxford University Press, 2010), but will also include applications from the Internet, computer networks, biological networks and most importantly, energy grids. The intent of this course is to prepare students for research in emerging application areas such as synchronization of dynamical systems over networks, and smart power grids.

Biosketch — Chaouki T. Abdallah obtained his BE from Youngstown State University in 1981, and his MS and Ph.D. in Electrical Engineering from the Georgia Institute of Technology in 1982, and 1988 respectively. He joined the Electrical and Computer Engineering (ECE) department at the University of New Mexico (UNM) where he is currently professor of Electrical & Computer Engineering. Between 2005 and 2011, he was the ECE department chair and became the provost and executive vice president of academic affairs of UNM on July 2011, a position he currently holds. Professor Abdallah was the first recipient of ECE's Lawton Ellis Award for combined excellence in teaching, research, and student/community involvement. Professor Abdallah also received the school of engineering senior research excellence award in 2004, and was the ECE Gardner Zemke Professor between 2002 and 2005. He served as director of ECE's graduate program from 1999 through 2005. Dr. Abdallah was a visiting professor at the Università Degli Studi di Roma, Tor Vergata, Rome, in 2005. He has published eight books (three as co-editor and five as co-author) and more than 300 peer-reviewed papers.