Hitachi Distinguished Lecture Series in Computer Science
School of Computer Science, College of Engineering, University of Oklahoma

GILLES BRASSARD
Professor and Canada Research Chair
Université de Montréal, Canada
“Quantum Magic in Secret Communication”
2:00 PM, September 23, 2011, DEH 120

MARK E. J. NEWMAN
Paul Dirac Collegiate Professor of Physics
University of Michigan and Santa Fe Institute
“Large-Scale Structure in Social and Biological Networks”
2:00 PM, November 11, 2011, DEH 120
After obtaining his PhD from Cornell University in 1979, Gilles Brassard became professor of computer science and Canada Research Chair at the Université de Montréal, Canada. He laid the foundations of quantum cryptography at a time when only a handful of people worldwide were interested in quantum information processing. He is the author of three books that have been translated into eight languages. Professor Brassard has received several honours and awards including the Gerhard Herzberg Canada Gold Medal for Science and Engineering and the Killam Prize for Natural Sciences, which are the two highest scientific recognitions in Canada, and a honorary doctorate by the ETH in Zürich.

Mark Newman is the Paul Dirac Collegiate Professor of Physics at the University of Michigan as well as a professor in the university's Center for the Study of Complex Systems. Prior to this he had worked at the Santa Fe Institute in New Mexico, a think-tank devoted to the study of complex systems. He received his Ph.D in physics from the University of Oxford and did postdoctoral work at Cornell university. Professor Newman's research is on statistical physics and the theory of complex systems, with a primary focus on networked systems, including social, biological, and computer networks. He is the author of several books, including a recent textbook on network theory and a popular book of cartography.

Accommodations on the basis of disability are available by contacting the School of Computer Science at (405) 325-4042.