Women in Physics:
Developing Professional Career

(19:00 – 20:20 on Thursday, July 25, 2013 at MLB 404)

seat limited, on-site registration required
(free dinner box)

List of Panel Speakers*

Lucilla de Arcangelis
(Dept. of Industrial & Information Engineering, Second Univ. of Naples, Italy)

Kong-Ju-Bock Lee
(Dept. of Physics, Ewha Womans Univ., Korea)

Jullia M. Yeomans
(Dept. of Physics, Oxford Univ., UK)

Hyejin Yoon
(Santa Fe Inst., USA)

Lenka Zdeborova
(CNRS Researcher, CEA, Saclary, France)

*click here for bios with photos

Chairperson (moderator)

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Bio of Panel Speakers

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Lucilla de Arcangelis is a Professor of Theoretical Physics at the Industrial & Information Engineering Department of the Second University of Naples. After undergraduate studies at the University of Naples, she received in 1986 a Ph.D. in Theoretical Physics from Boston University in the United State. After research experience as a visiting scientist at the University of Cologne, Germany, and the CEA in Saclay, France, she obtained in 1990 a CNRS position at the ESPCI in Paris, France, and in 1993 a Faculty position in Italy. Her research interests span over a variety of problem in statistical mechanics: from percolation, fractals, cellular automata to spin glass, models for fracture and gelation. Recently, she has focused her research on the investigation of statistical properties of earthquake occurrence and neuronal activity on complex networks.

Kong-Ju-Bock Lee is a Professor of Theoretical Physics at Ewha Womans University. After undergraduate studies at Ewha Womans University, she received in 1989 a Ph.D. in Theoretical Physics from Temple University in the United State. After research experience as a postdoctoral fellow at Temple University in the United States, and Seoul National University in Korea, she obtained in 1992 a Faculty position at Ewha Womans University in Korea. From 2004 to 2007, she was a chairperson of National Inistitute for Supporting Women in Science and Technology in Korea. She is currently a vice president of Information Center for Physics Research, a member of KPS council & National Science & Technology council and a outside director of Donga Science. Her research interests span over a variety of many-body problems up to metamaterial study.

Julia M. Yeomans is a Professor of Theoretical Physics at the University of Oxford in the United Kingdom. After undergraduate studies at the University of Oxford, she received in 1979 a Ph.D. in Theoretical Physics from the Oxford University. After research experience as a Postdoctoral Research Fellow at Cornell University in the United States and a Lecturer at Southampton University, she obtained in 1983 a Pauline Chan Fellow and Tutor position in Physics at St. Hilda's College, Oxford, and in 1995 a Faculty position at the University of Oxford. Her research interests span over a variety of problem in statistical mechanics: theoretical and computational methods to study the physics of soft matter and biological systems. She is currently interested in Swimming at low Reynolds number, Collective behaviour of active systems, Liquid crystal colloids, and Wetting on micropatterned surfaces.

Hyejin Youn is a Postdoctoral Fellow at Santa Fe Institute in the United States. After she received in 2011 a Ph.D. in Theoretical Physics from Korea Advanced Study of Science and Technology at Daejeon in Korea, she has been working at Santa Fe Institute as a postdoctoral researcher fellow and a PI of NSF grants since 2013. Her research interests span over a variety of problems of statistical physics: urban scaling and dynamics (economic diversity, energy consumption, human mobility), transportation network (traffic in decentralized system), evolution of technological changes, historical and computational linguistics (language universality, linguistic cognitive space), and network theory (topology and dynamics).

Lenka Zdeborova is a CNRS Researcher at CEA, Saclary in France. She received in 2008 a Ph.D. in Theoretical Physics from University of Paris Sud XI, Orsay in France and Charles University, Prague in Czech Republic, respectively. After research experience as a director's postdoctoral fellow at Los Alamos National Laboratory in the United States, she obtained in 2010 a CNRS position at CEA, Saclay in France. Her research interests span over a variety of problems: statistical physics of complex systems and applications in computer science and technology, physics of systems with glassy behavior, physics on random structures, phase transitions and computational complexity in combinatorial optimization problems, and message passing algorithms for interference, machine learning and signal processing.