

FROM AVALANCHES TO PACKINGS: The Physics Of Granular Materials

报告人: **Prof. Hernan A. Makse**
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主持人: **李水清 教授 清华大学热能工程系**



教授简介:

学术经历:	1987-1991	Universidad de Buenos Aires	“Licenciatura” in Physics
	1991-1996	Boston University	Ph.D. in Physics
	1996-1997	Cavendish Lab, Cambridge University	Postdoctoral
		College de France, Paris	Postdoctoral
	1997-2000	Schlumberger, Ridgefield, CT	Postdoctoral

工作经历: City College of New York New York, NY
 2000–2004
 Assistant Professor, Levich Institute and Department of Physics.

City College of New York New York, NY
 2005–2008
 Associate Professor, Levich Institute and Department of Physics.

City College of New York New York, NY
 2008–present
 Professor, Levich Institute and Department of Physics.

研究领域:

Prof. Makse’s research is interested in the theoretical understanding of complexity. They are working towards the development of new architectural laws for complex networks, from biological systems, to the Internet, the web, to social networks and cities. They also focus on the study of jammed matter, spanning from granular materials, colloidal suspensions, dense emulsions to glasses in search of unifying theoretical frameworks. They explore this variety of out of equilibrium systems in terms of their behavior as they experience structural arrest or jamming. The group focuses on the theoretical and computational approaches in parallel with experiments.