

Nature in Design Lectures

Yen

Dr. Jeannette Yen,
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September 17 2008
"Biologically Inspired Design"
6:00 – 7:00 PM
Architecture Auditorium
East Architecture Building

Biologically inspired design can be used to develop new materials, new sensing and locomotory systems, more efficient chemical processes, and more environmentally conscious design and manufacturing systems. This unique method trains scientists and engineers and designers to ask: "what problems does this biological system solve?" At the Georgia Institute of Technology, the goal of the Center for Biologically Inspired Design is to facilitate, develop infrastructure for, and promote interdisciplinary research and education.

Jeannette Yen is the Director of Georgia Tech's Center for Biologically Inspired Design - bringing together a group of interdisciplinary biologists, engineers, physical scientists and designers who seek to facilitate research and education for innovative products and techniques based on biologically-inspired design solutions. Her research interest is in biological oceanography where she studies how fluid mechanical and chemical cues transported at low Re flow serve as communication channels for aquatic organisms, primarily plankton: the base of aquatic food webs.

Industrial Design

100 Years of Architecture at
Georgia Tech

