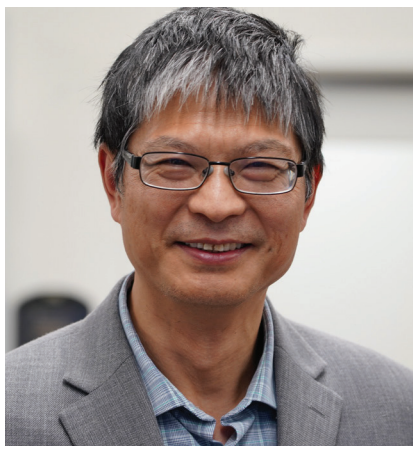
San Diego State University

The 31st Annual

Albert W. Johnson University Research Lecture

Wireless Power Transfer – from Science Fiction to Reality



Presented by:

Dr. Chunting "Chris" Mi

Professor and Chair of the Department of Electrical and Computer Engineering

Thursday, March 10, 2022, 3-6 pm
Tula Community Center

Over the past 100 years, scientists have been searching for solutions to realize wireless power transfer reliably and efficiently. Their goal? A tether-free world. It is only in the past ten years that this has become reality. With the help of semiconductor devices, electromagnetic materials, and microcomputers, we can now not only charge a cell phone wirelessly, but we can also charge an electric car or a humongous electric ship without plugging it in. In this talk, Professor Chris Mi will look at how his work has made wireless power transfer cheaper, faster, safer and more efficient, enabling cable-free conference rooms, battery-less drones, and factories populated by untethered robots and autonomous vehicles.

Please scan for more information

About the Albert W. Johnson University Research Lecture

In 1984, San Diego State University established a lecture series to recognize its faculty members for outstanding achievement in research and scholarship and to foster continuation of such accomplishments. This lecture series was named the Albert W. Johnson University Research Lecture in 1991 to recognize the contributions of Dr. Johnson, long time faculty member, dean and provost at SDSU. Dr. Johnson's leadership was instrumental in transforming SDSU into an institution that celebrates scholarly accomplishment as an essential ingredient of faculty excellence. Recipients of this award are designated as distinguished professors in their disciplines to commemorate their extraordinary research endeavors and contributions.

The lecture is open to the University community and the public free of charge.