

# 研發論壇

R & D F O R U M

時間 2008年3月28日 12.00-14.00	地點 光復校區 雲平大樓四樓 第一會議室	線上報名 <a href="http://www.ncku.edu.tw/~rand/ord/R&amp;D_forum.html">http:// www.ncku.edu.tw/ ~rand/ord/ R&amp;D_forum.html</a>	連絡人 鄭凱芸小姐 <a href="mailto:kaicheng@mail.ncku.edu.tw">kaicheng@mail.ncku.edu.tw</a> 校內分機50926
---------------------------------	-------------------------------	--	---

## THE INNOVATION IMPERATIVE-RESEARCH AND EDUCATION THAT TRANSFERS

by Dr. Marshall M. Lih

In order to meet the next level of challenges in this not-so-new century, we must cultivate a new generation of engineers, scientists, and other professionals who can think and create beyond the existing paradigms. Through transformative research and educational experiences that give them a systems and global perspective, these individuals should be able to bring scientific knowledge, technological skills, and a broad range of societal and judgmental factors to bear on our most daunting problems in environment, energy, health care, food, population, security, social justice, and the like. This requires substantial rethinking and refocusing of our mission and practices as educational institutions and academic leaders.



### About Dr. Marshall Lih

Senior Advisor in the Engineering Directorate of the National Science Foundation.

He obtained his BS degree from the National Taiwan University and master's and doctorate degrees from the University of Wisconsin-Madison, all in Chemical Engineering.

