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Professor Wang received his Ph.D. in Engineering Mechanics from Iowa State University in 1985. His research interests include experimental mechanics, photomechanics, fracture mechanics, thermal stresses, precision optical measurement and nondestructive testing. He was the principal investigator for a nation-wide project entitled “The Research and Education Advancement Project for Precision Mechatronics” sponsored by the Ministry of Education of Taiwan from 2001~2006. He was advisor (1987~1995) for the Ministry of Economic Affairs, Executive Director (1994~2002) for the Tze-Chiang Foundation of Science and Technology and Director General (2003~2004) of the Department of International Programs of the National Science Council. He served as the Associate Dean and Director of the Division of Academic Cooperation of the Office of Research and Development of the National Tsing Hua University (NTHU) from 2007~2008. He was the Dean of International Affairs, Vice President for International Affairs and Vice President for Global Affairs of the NTHU from 2008~2014. He was the Editorial Board Member of the Journal of Optics and Lasers in Engineering (1995~1999) and Associate Technical Editor of the Journal of Experimental Mechanics (2006~2009). He was the Editorial Board Member of the Journal of the European Association for Experimental Mechanics (2008~2015) and Regional Editor for Asia, The Open Mechanics Journal (2010~present). He is the Fellow of Society for Experimental Mechanics (SEM), USA. He served as the President of the SEM from 2009~2010. With the invitation from the Ministry of Education, he has established 7 Taiwan Education Centers (TECs) in India since 2011. The major functions of the TEC are to offer the traditional Chinese Mandarin courses, introduce Chinese culture and promote collaboration of higher education institutions between India and Taiwan.

#### HONORS AND AWARDS :

Pericles Theocaris Award, European Society for Experimental Mechanics (EURASEM), 2016

Zandman Award, Society for Experimental Mechanics, 2015

Tatnall Award, Society for Experimental Mechanics, 2015.

K. T. Lee Management Medal, Chinese Management Association, 2002

Outstanding Engineering Professor Award, Chinese Society of Mechanical Engineers, 2001

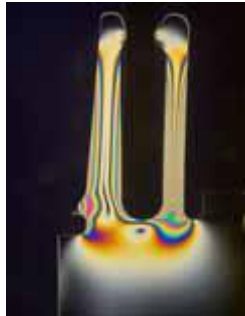
Outstanding Service Award, Chinese Society of Mechanical Engineers, 2000 and 2007.

Excellent Research Award, National Science Council, Taiwan, 1989, 1992, 1993.

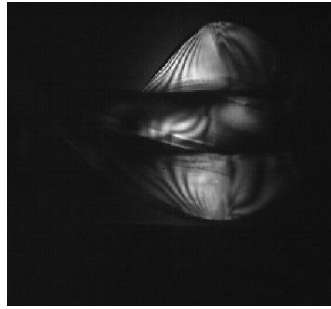
Teaching Excellence Award, National Tsing Hua University, 2009.

Special Service Award for the Accreditation Examination, Chinese Society of Mechanical Engineers, 2013.

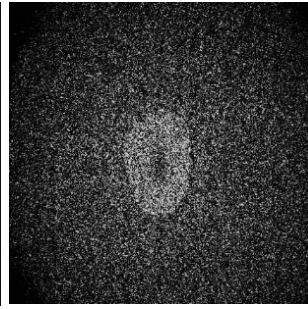
SELECTED RESEARCH RESULTS



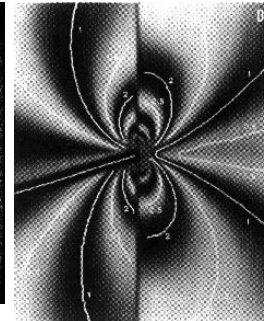
Photoelastic fringe pattern of an electronic connector



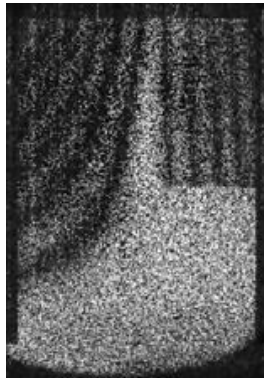
Scattered-light photoelastic fringe pattern of a variable-pitch lead screw



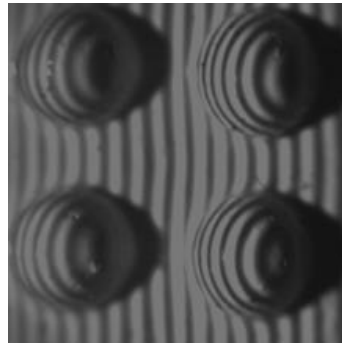
Nondestructive inspection of the defect in a composite plate by ESPI



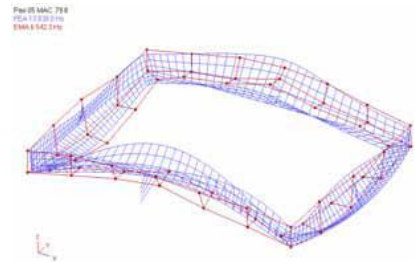
Digital photoelastic fringe pattern of an edge-cracked specimen



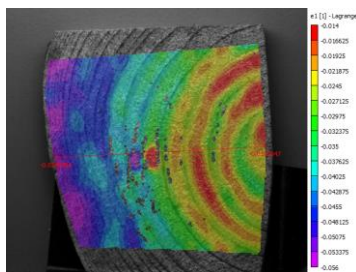
ESPI fringe pattern of an edge-cracked composite plate



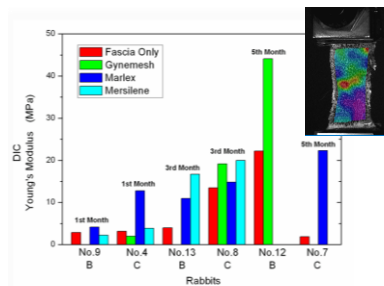
Moiré fringe pattern of a PBGA



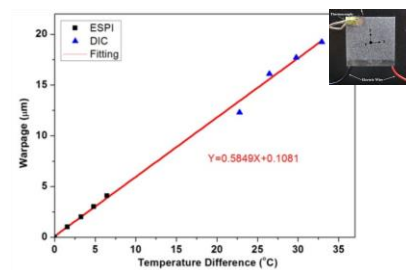
Mode shape of a shadow mask



Radial shrinkage of jack pine (3D-DIC method)



Young's modulus of rabbit fascia with artificial mesh (3D-DIC method)



Warpage measurement of thermoelectric coolers (ESPI and 3D-DIC method)