

# Tony Wen-Hann Sheu

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## Birthday

- April 23, 1954

## Education

- Ph.D., Purdue University; Department of Mechanical Engineering (1986)
- M.S., Northwestern University; Engineering Science and Applied Mathematics (1982)
- B.S., National Taiwan University; Department of Naval Architecture and Ocean Engineering (1981)

## Academic Career

- Consultant, Moldex 3D (2020 January - date)
- Deputy director, High Performance and Scientific Computing Technology research center, National Taiwan University (2018. March - date)
- Deputy director, Center of Advanced Study in Theoretical Sciences (CASTS), National Taiwan University (January, 2013 - date)
- Professor, Institute of Applied Mathematical Sciences, National Taiwan University (2012-date)
- Professor, Department of Mathematics, National Taiwan University (2012-date)
- Deputy director, Taiwan Society of Industrial Applied Mathematics (TWSIAM)
- Executive committee member, Center of Advanced Studies in Theoretical Sciences, (CASTS), National Taiwan University
- Deputy director of Center for Quantum Sciences and Engineering (CQSE), National Taiwan University (till 2011)
- Research associate, INRIA-REO, Paris-Rocquencourt research center, France
- University Professor, National Taiwan University (2006-date)
- Advisory member of National Center for High-Performance Computing (NCHC) (2006-date)
- Chair Professor, I-Shou University (2004-2010)
- Professor and Chairman; Department of Engineering Science and Ocean Engineering, National Taiwan University (2003-2006)
- Professor, Department of Engineering Science and Ocean Engineering, National Taiwan University (1997-date)
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## Research Interest

- Computational fluid dynamics, acoustics, heat/mass transfer
- Surgical planning studies
- Computational physics

## **Honors and Awards**

- 宗偉章先生講座 (Tsung Cho-Chang Education Foundation Chair Award) (2014)
- Special Researcher Award of National Science Council of R. O. C. (2012)
- Taiwan-France Award for Science and Technology (2011)
- Research Fellow of National Science Council of R. O. C. (2006-date)
- Distinguished Research Proposal Award of National Science Council of R. O. C. (2008-2011)
- Distinguished Research Award of National Science Council of R. O. C. (2002-2006)
- Distinguished Research Award of National Science Council of R. O. C. (2000-2001)
- Distinguished Research Award of National Science Council of R. O. C. (1997-1999)
- Literati Club Awards for Excellence, MCB University Press Outstanding Paper of Int. J. of Numerical Methods for Heat & Fluid Flow (2000)
- Best SNAME Annual Paper Award (1998)
- Distinguished Young Researcher Award (1991)

## **Editorial Activities**

- Managing editor, Annuals of Mathematical Sciences and Applications
- American Journal of Heat and Mass Transfer ; Editorial Board
- Editorial board, Journal of Computational Surgery
- Editorial board, Mathematical Problems in Engineering, Hindawi Publishing corporation
- Editorial board, The Open Biomedical Engineering Journal, Bentham Science Publishers
- Editorial board member of The Open Numerical Methods Journal, Bentham Science Publishers
- Editor-in-chief of Bulletin of the College of Engineering, National Taiwan University (2003-2006)
- Editor for Transactions of the Aeronautical and Astronautical Society of the Republic of China (2000-2005)
- Associator Editor for Journal of Taiwan Society of Naval Architecture and Marine Engineers (2002-2011)