



Invited Speaker at
100th IUPAP: 2022 International Joint Symposium of
Women in Science and Technology



Mei-Yin Chou
Vice President
Academia Sinica

Experience:

Dr. Mei-Yin Chou works in the field of theoretical condensed matter physics, with her research focusing on the electronic properties of novel materials of fundamental and technological interest. In the past few decades, she has established herself as one of the leading figures in first-principles electronic-structure calculations. Dr. Chou received her Ph.D. in Theoretical Condensed Matter Physics from the University of California at Berkeley in 1986. After working for Exxon Research and Engineering Company in New Jersey as a postdoctoral fellow, she accepted a faculty position at the Georgia Institute of Technology in 1989, earning promotion to Associate Professor in 1993 and to Professor in 1998. In addition, she served as the ADVANCE Professor of Science at Georgia Tech from 2002-2006, and Chair of the School of Physics from 2005-2010. She became the Director and a Distinguished Research Fellow of the Institute of Atomic and Molecular Sciences at Academia Sinica in January 2011, and Vice President in 2016.

Dr. Chou was a recipient of the Alfred P. Sloan Research Fellowship from 1990 to 1992, the David and Lucile Packard Fellowship from 1990 to 1995, and the Presidential Young Investigator Award from National Science Foundation from 1991 to 1996. In addition, she was elected a Fellow of the American Physical Society in 2002, the Taiwan Outstanding Woman Scientist Award in 2013, Academician of Academia Sinica in 2014, and Fellow of The World Academy of Sciences (TWAS) in 2019. She is currently Chair of the C20 Commission on Computational Physics in the International Union of Pure and Applied Physics (IUPAP).

Abstract:

In the past decade, there have been more women in leadership positions in academia, although the increase has been slow. We need to encourage more women in the younger generations to get prepared by understanding the unique strengths a woman can have for leadership positions and the challenges she will face when moving up the ladder. I will attempt to address these issues based on my own personal experiences and my observations on the successful female leaders I have encountered.