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**E**nergy **C**hallenges & **M**echanics  
- working on small scales

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### Speaker of Session 24

### ENERGY IMPACT OF SUPERCONDUCTORS



Dr. Sungkit Yip is a theoretical condensed matter physicist. He received his Ph.D. from University of Illinois at Urbana-Champaign in 1986. He had performed research at University of Florida, Gainesville, University of Maryland, College Park, Northwestern University, Evanston, Illinois, USA before joining the Institute of Physics, Academia Sinica, Taipei, Taiwan in 2000 as a Research Fellow.

His research covers heavy-fermion superconductivity, high-temperature superconductivity in cuprates, and more recently, non-centrosymmetric superconductors, as well as other aspects of quantum manybody theory. He has authored close to 100 research articles, a few review articles and chapters in books. He is an Outstanding Referee of the American Physical Society. He has also received an Outstanding Research Award from National Science Council and Academic Award from the Ministry of Education of Taiwan.

