

■ News

Fifth University Research Administrator (URA) International Research Seminar

January 12, 2016

Professor John Tse from the University of Saskatchewan, Canada, presented a talk entitled “Working Under Stress” at the 5th URA International Research Seminar giving a wide ranging review of his recent research on using high pressure to promote new and innovative properties in materials.

Using examples of his recent research on experimental and theoretical studies, he demonstrated how the properties of simple molecular radicals can be tuned from insulating paramagnets to metals and even to Fermi liquids, and finally illustrated the synergy between advanced electronic structure calculations and experiments.

Professor Tse’s research focuses on the rationalization of the fundamental principles governing the structure, stability and thermodynamics of materials and predicting the behaviour of materials.

He has received many prestigious awards in his distinguished career. In Japan he received the Foreign Visiting Scholar from MITI, for his stay at the Hokkaido National Industrial Research Institute in 1995. Also, he awarded the JSPS (Japan) Senior Fellowship in 1999 and 2006. Currently, Professor Tse is a Collaborative Researcher at RIKEN.

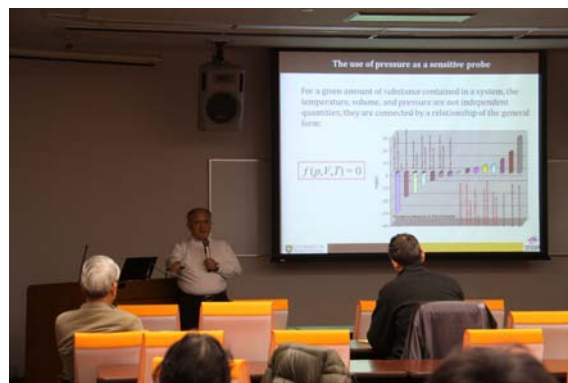
His connections with Okayama University date back to collaborations with the group of Professor Tanaka Hideki at the beginning of 2000’s and later with Professor Kubozono Yoshihiro.

Further information

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Professor TSE giving a talk to researchers and students of Okayama University



Professor TSE answering questions from the audience