Citation for Professor Gan Wee Teck

Outstanding Researcher Award

Professor Gan Wee Teck is widely recognised as an international leader in the field of number theory and representation theory, particularly their fascinating interactions, commonly known in the mathematics community as the Langlands programme. Among his many contributions, Wee Teck is especially well-known for the Gan-Gross-Prasad conjectures, which predict the behaviour of a wide class of restriction problems, also known as symmetry breaking or branching laws. These conjectures have generated great interest in recent years, and, in particular, are vigorously pursued by leading researchers from elite universities such as Princeton University, Columbia University, and the University of Paris. To cite an example, there was a 10-day summer school and conference at Paris 7 in June, 2014 exclusively devoted to the "Gan-Gross-Prasad conjectures", which may give a clear sense of the level of interest in the mathematics community.

Wee Teck joined the Department of Mathematics in 2010, having been previously associated with the Institute for Advanced Study in Princeton and the University of California at San Diego. His groundbreaking work, energy and reputation have had a significant impact on the international profile of NUS Mathematics and have helped to firmly establish NUS as one of the world's important centres in number theory and representation theory.

Among Wee Teck's honours, he was the recipient of an American Mathematics Society Centennial Fellowship, a Sloan Research Fellowship from the Alfred P Sloan Foundation, and a Provost's Chair Professorship from NUS. He was an invited speaker of the International Congress of Mathematicians 2014 held in Korea.

This evening, we are pleased to present the Outstanding Researcher Award to Professor Gan Wee Teck. Congratulations.