University of Macau

Faculty of Science and Technology

Department of Mathematics

Smoothing and Long Time Behaviour in Infinite Interacting Systems

By

Prof. Boguslaw ZEGARLINSKI, Professor of Faculty of Natural Sciences, Imperial College, London

Date: **30 March 2016 (Wednesday)**

Time: **11:00 a.m. - 12:00 p.m.**

Venue: **E11- 1040**

Abstract

This will be about dissipative dynamics with Hoermander and Dunkl type generators. We will show the ergodicity and smoothing effect.

Biography

Prof. Boguslaw Zegarlinski is the full professor at Imperial College London and the director of CNRS of Toulouse, he is mainly working on interacting particle system and stochastic analysis. Prof. Zegarlinski solved two important long standing open problems, one is Markov property of quantum fields, the other is log-Sobolev inequality of infinite spin systems, which is now called Stroock-Zegarlinski Theory and fundamental to Gibbs sampling.

All are Welcome!

FST Seminar - MAT - " Smoothing and Long Time Behaviour in Infinite Interacting Systems " at 11:0am on 30 March 2016 (Wednesday), E11-1040