December 11-15, 2010 Study workshop on the work of Skinner-Urban on the Iwasawa main conjecture for *GL*₂



The Hong Kong University of Science & Technology

Department of Mathematics

December 11-12 (Saturday - Sunday) Lecture Theatre F *(through Lift 25-26)*



The Chinese University of Hong Kong

The Institute of Mathematical Sciences & Department of Mathematics

December 13-15 (Monday - Wednesday) Room 502a, 5/F, Academic Building No. 1

In this workshop, we plan to study in detail the seminal paper by Skinner Urban on the Iwasawa main conjecture for GL_2 . We would like to take this opportunity to understand the various techniques in the theory of automorphic forms on unitary groups that were introduced in their works, which have the potentiality for vast generalizations and applications to arithmetic. The lectures would be intensive and aim at focusing on the technical parts of the paper.

ORGANIZERS

Conan Leung (CUHK) Jian-Shu Li (HKUST)

Chung-Pang Mok (CUHK)

LIST OF SPEAKERS

Masataka Chida (Kyoto University) Ming Lun Hsieh (National Taiwan University) Tetsushi Ito (Kyoto University) Johnson Jia (University of British Columbia) Chung Pang Mok (The Chinese University of Hong Kong) Jeehoon Park (POSTECH, Korea) Jonathan Pottharst (Boston University)

SPONSORS

The Institute of Mathematical Sciences, The Chinese University of Hong Kong Department of Mathematics, The Chinese University of Hong Kong Department of Mathematics, The Hong Kong University of Science & Technology

INQUIRY

Professor Chung-Pang Mok, Email: cpmok@math.cuhk.edu.hk Professor Mao-Sheng Xiong, Email: mamsxiong@ust.hk

Website: http://www.ims.cuhk.edu.hk/studyworkshop/