

CHEN Yanze

PhD candidate in Department of Mathematics, the HKUST
Clear Water Bay, Kowloon, Hong Kong
Email: ychenen@connect.ust.hk

Research Areas

Automorphic Forms and Representation Theory on Loop Groups

Education Background

2013-2017	BSc in Mathematics, Sichuan University, China
2017-current	PhD candidate in Mathematics, the HKUST, Hong Kong

Honours & awards

2017-2021	The Hong Kong PhD Fellowship Scheme
2019	Best TA frst prize in the HKUST
2020	Best TA frst prize in the HKUST
2020	Epsilon Fund in the HKUST

Research Works

1. Weil Representations for Twisted Loop Groups over Local Fields, joint with Yongchang ZHU, in preparation.
2. Theta Lifts for Type II Dual Pairs of Loop Groups, joint with Yongchang ZHU, in preparation.
3. Convergency and Holomorphy of the Kac-Moody Correction Factor, joint with Yongchang ZHU, in preparation.