

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

COLLOQUIUM

Trigonometric Integrals and the Riemann Zeta Function II

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Abstract

We introduce a kind of entire functions represented by integrals involving trigonometric functions, and their relationship to the Riemann zeta function. In particular we describe the recent progress due to Rodgers, Tao and others in this field. This talk is also open to the teachers and students whose majors are not number theory.

Date: September 4, 2018 (Tuesday)

Time: 4:30 - 5:30pm

Venue: Room 301, Run Run Shaw Bldg., HKU

Refreshments will be served at 4:00pm in Rm 320A

All are welcome