國立交通大學應用數學系
學術演講公告

主講人：黃皓瑋教授 (中山大學 應用數學系)

講　題：SOME RECENT DEVELOPMENTS IN

NON-COMMUTATIVE PROBABILITY THEORY

時　間：109 年 12 月 8 日(星期二) 下午 14:00 –15:00

地　點：(光復校區) 科學一館 223 室

茶　會：當天下午 13:30 (科學一館 205 室)

Abstract

　　Non-commutative probability theory was founded by Voiculescu around 1985 with an intension to solve a yet open problem in operator algebra theory. Since then, this theory has been discovered to have broad connections and applications to other research fields, such as random matrix theory, quantum information theory, and classical probability theory.　In this talk, I will first offer a concise introduction and historical development of non-commutative probability theory, and then introduce the link between this theory and other research areas. Also, our recent works with the connection to probability theory will be delivered. If time grants, some other relevant topics will be discussed.

敬請公告　歡迎參加

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