國立交通大學應用數學系
學術演講公告

主講人：郭文堂教授(University of Waterloo)

講　題：Prime numbers and complex analysis

時　間：107 年 9 月 25 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 1:30 (科學一館 205 室)

Abstract

　　The Prime number theorem gives an asymptotic form for the prime counting function, which counts the number of primes less than some integer N.　In 1792, when only 15 years old, Gauss proposed that the prime counting function is asymptotically equal to N/log N.　Later, in 1896, Hadamard and de la Vallee Poussin independently gave proofs of this conjecture.　In this talk, we will review the history of this problem and how it links to complex analysis.

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