

清華大學工業工程與工程管理學系
演講公告

演講者：Dr. Lam Yee Cheong & Chun-Hsien Chen

(Mechanical & Aerospace Engineering, Nanyang
Technological University, Singapore)

演講時間：101 年 12 月 20 日(四) 14:10~15:30

地點：工程一館 9 樓 R901

Title：

Research at School of Mechanical & Aerospace Engineering,
Nanyang Technological University, Singapore

Abstract：

The research areas of Professor Lam Yee Cheong are outlined, in particular in the areas of femto-second laser machining and the fabrication of micro-features of aluminum molds. Investigations carried out demonstrated that (a) significant laser energy is conducted away during femto-second laser machining contrary to the common belief that there is no or negligible heat conduction; and (b) features much less than the grain size of a polycrystalline metal could be formed and that grain size is a limiting factor on feature size is only a myth.