
臺灣大學應用力學研究所
演 講 公 告

主 講 人：張天立教授
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講 題：先進奈微米製造技術與應用

主 持 人：陳國慶所長

時 間：110年11月22日（星期一）下午2時20分開始

地 點：臺灣大學應用力學研究所國際會議廳

☆☆ 歡迎聽講，敬請張貼 ☆☆

先進奈微米製造技術與應用

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演講摘要：

With the rise of nanotechnology and miniature technology, more and more attentions are paid on the development of the various nano/micro-structure fabrication techniques. To make a breakthrough at the convectional structure fabrication and material techniques for biomedical and energy applications, it has always been an important role in research work up to now. Unlike the convectional processes, the presentation of this study is mainly to focus on the non-vacuum processes, advanced ultrafast laser techniques, for the microfluidic devices, biosensors, LED devices, solar cells, and so on. Based on the theoretical prediction model and the experimental results, the study will have the opportunity to develop and product the functional devices for biomedical detection and energy saving that can be helpful to upgrade industry and reach the technique of mass production.