

機電整合研究所
Institute of Mechatronic
Engineering

積層製造、精密量測、逆向
工程、CAD/CAM

Additive Manufacturing, Precision Metrology,
Reverse Engineering, CAD/CAM

3D 技術特色實驗室
3D Technology Lab.



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汪家昌 教授
Prof. Jia-Chang Wang

英國利物浦大學
University of Liverpool, U.K

jcw@ntut.edu.tw

<http://3dt.me.ntut.edu.tw/>

- 研究領域
 - 積層製造技術
 - 逆向工程技術
 - 精密量測技術
 - 足鞋驗配
- 近期研究主題
 - 積層製造技術開發
 - 高強度精微陶瓷積層製造技術
 - 微米級積層製造技術
 - 大尺寸上照式積層製造技術
 - 足鞋驗配
 - 足壓量測
 - 足形量測
 - 數位客製化鞋墊設計與製造
- Research Area
 - Additive Manufacturing Technology
 - Reverse Engineering Technology,
 - Precision Metrology,
 - Pedorthic Dispensing
- Recent Topics
 - Additive Manufacturing Technology Development
 - High performance precision ceramic additive manufacturing
 - Micro-scale additive manufacturing
 - Large top exposure additive manufacturing
 - Pedorthic Dispensing
 - Plantar pressure measuring
 - Plantar/foot shape 3D scanning
 - Customize insole design and manufacturing



積層製造技術開發
Additive Manufacturing Technology
Development



泛用型功能性鞋墊設計
UTV Functional Insole Design



足形量測系統開發
Plantar shape 3D scanning system