製 造 科 技 研 究 所
Graduate Institute of Manufacturing Technology

Current Position:

- **Dr. Shih-Yu Li, Assistant Professor**
  Ph.D, Mechanical Engineering, National Chiao Tung University
  E-mail: syntut@ntut.edu.tw
  Office: 714-3 or Center of Chicony-Taipei, Building Everlight 5F (Temporary)
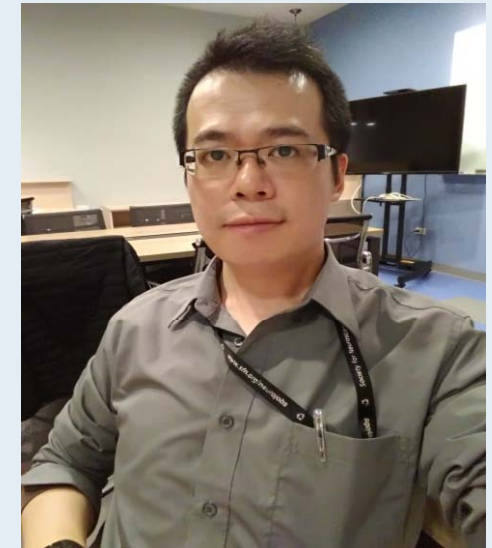 Lab: 525-3 (SYLab)

Research Topics:

- **Chaos-Based Applications**
  Intelligent Authentication & Authorization System, Encryption Tech.

- **Smart Machine**
  Intelligent Analysis & Diagnosis, Feature Extraction with Chaotic Mapping, AI Tech.

- **Nonlinear Analysis, Control**
  Nonlinear Control, Adaptive Control, Sliding Mode Control, Chaos Analysis.

- **Fuzzy Logic Theory and Intelligent Control**
  Fuzzy Logic Control System, Novel Fuzzy Modeling, Neural-Fuzzy System.

- **Blockchain Tech**

下一頁，有中文...

Welcome new members to my Lab, please contact me directly through my E-mail~!!

製造科技研究所
Graduate Institute of Manufacturing Technology

Current Position:

- 李仕宇 助理教授
  國立交通大學機械工程研究所 博士
  E-mail: syntut@ntut.edu.tw
  Office: 714-3 or 億光大樓5F, 群光北科研發中心 (暫)
  Lab: 525-3 (SYLab)

Research Topics:

- **Chaos-Based Applications**
  智慧型自動化認證、授權與加密系統, 個人資料加密技術研發.

- **Smart Machine**
  智慧型分析與診斷技術, 以渾沌訊號特質為基礎之特徵擷取技術開發, 人工智慧技術應用.

- **Nonlinear Analysis, Control**
  非線性控制, 適應性控制設計技巧, 順滑模式控制器設計, 渾沌訊號分析及控制.

- **Fuzzy Logic Theory and Intelligent Control**
  模糊邏輯控制系統, 創新模糊模型理論, 類神經模糊自我學習網路.

- **Blockchain Tech**
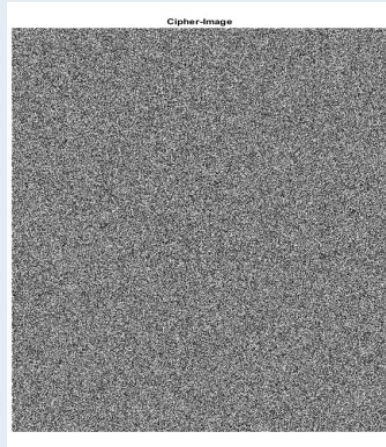
Previous slide is English version ...

歡迎碩、博士生來實驗室與我一起工作，請直接寄信給我約時間一談！

Some Current Research Achievements:

- **Chaos-Based Applications**
- **Smart Machine**
- **Nonlinear Analysis, Control**
- **Fuzzy Logic Theory and Intelligent Control**
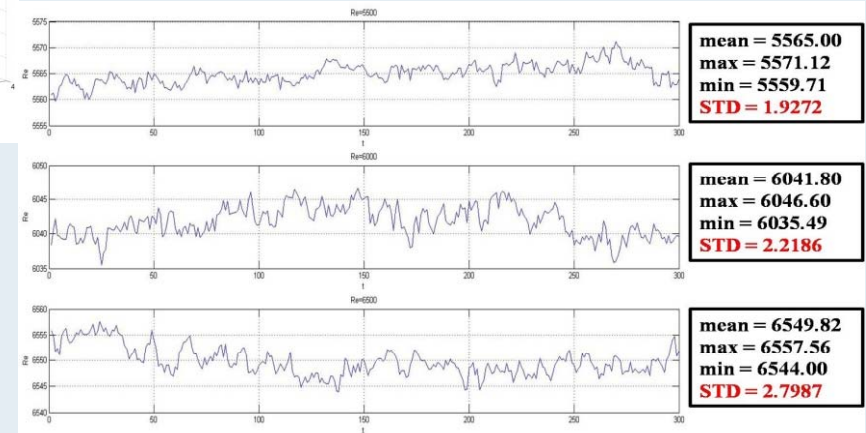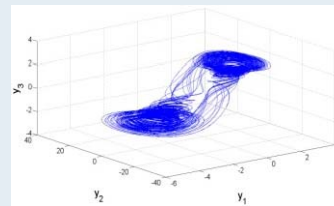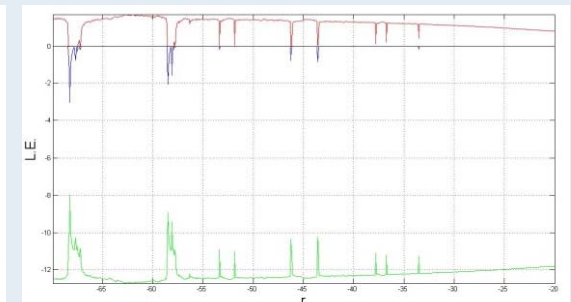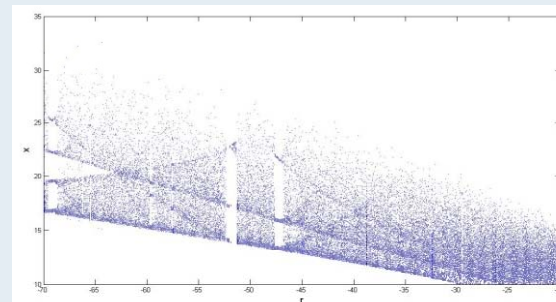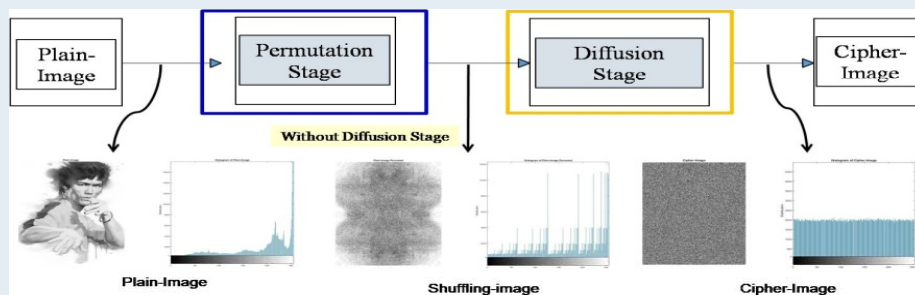- **Blockchain Tech**

Plain Image

Cipher Image

To extract the properties of signals through chaotic mapping to further diagnose different types of conditions.

Chaos-based application on personal data encryption Tech.

歡迎碩、博士生來實驗室與我一起工作，請直接寄信給我約時間一談！