



Webpage

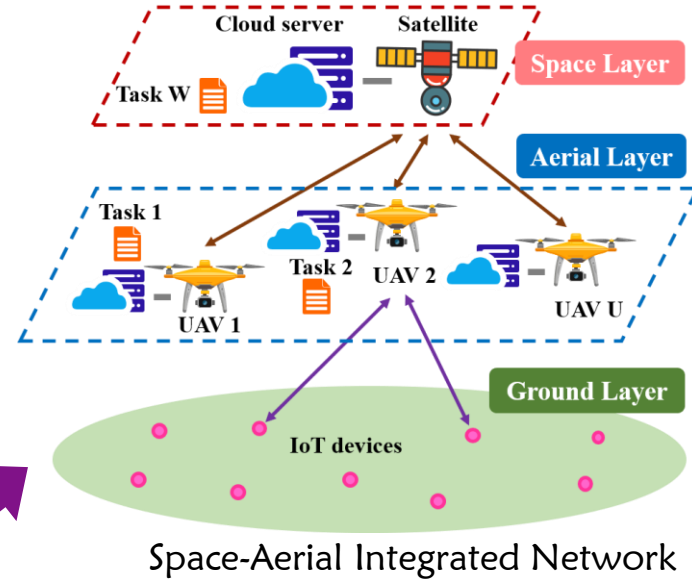
### Advisor

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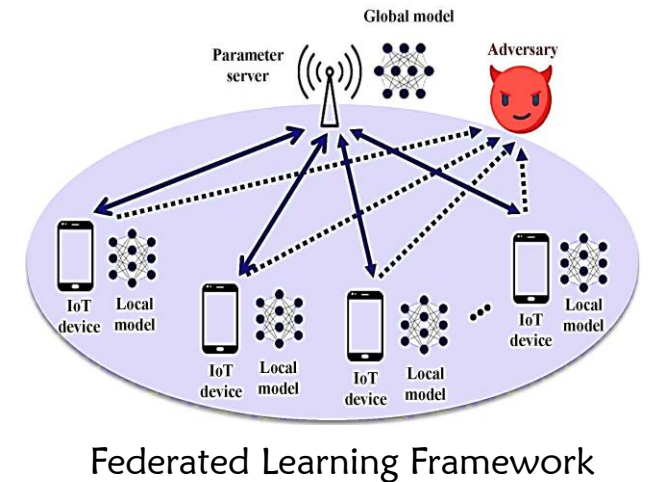
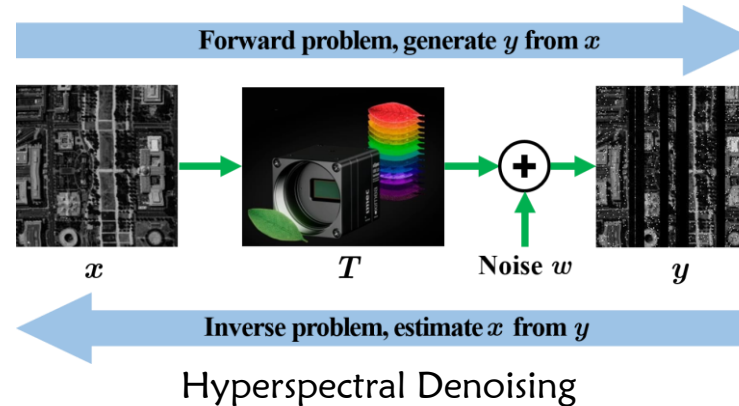
### Wireless Communications: 5G Beyond and 6G System Design

- Machine Learning for Intelligent Resource Management
- Enhanced Mobile Broadband (eMBB) in 5G Beyond and 6G
- Security and Privacy Protection
- Integrated Sensing and Communications



### Big Data Analytics and Machine Learning

- Hyperspectral Unmixing, Denoising, Inpainting
- Graph-Based Learning
- Federated Learning
- Unsupervised learning





國立清華大學  
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## Funded PhD/Master/Postdoc positions at WCSP Lab NTHU



The Wireless Communication and Signal Processing (WCSP) Group (led by Prof. Chong-Yung Chi), National Tsing Hua University (NTHU), Hsinchu, Taiwan, is seeking talented and motivated Ph.D./Master students (funded) and post-doctoral researchers to pursue

### **Intelligent Fusion of Convex Optimization (CVXopt) & Artificial Intelligence (AI): CVXopt-aided AI or AI-aided CVXopt**

for WCSP and Network applications as follows (but not limited by):

**Wireless Communications:** Wireless Federated Learning (FL) and wireless space-aerial integrated network (SAIN).

**Signal Processing:** Deep Learning (DL) based hyperspectral imaging, graph based learning, and data security and privacy protection in FL.

For detailed information, please refer to the following link,

[https://www.ee.nthu.edu.tw/cychi/open\\_positions/post\\_docs.php](https://www.ee.nthu.edu.tw/cychi/open_positions/post_docs.php)