# TIGP SNHCC    Fall 2024 Syllabus    Seminar

**Place:**    Room 106, New Building, IIS, AS                **Time:**    1400-16:00 Mondays

**Chair:**    Dr. Yu Tsao            **Grades:** Attendance 100%

**Outline:** To enhance the learning experiences as a student, students are expected to attend and participate in the school's Weekly Seminar Series. These seminars feature the latest cutting edge research and can expend their research interests.

| Week | Date | Topics/Brief Description | Lecturers | Host |
|------|------|--------------------------|-----------|------|
| 1 | 2024/09/02 | Bridging Trust: Combating Fakes and Frauds with Robust Graph Learning | Cheng-Te Li | ------ |
| 2 | 2024/09/09 | Deep Learning Assisted Medical Images Analysis for Automatic Localization of Ischemic Stroke Infarct | Prasan Kumar Sahoo | Fatima |
| 3 | 2024/09/16 | SportsXR- Bridging Human and Machine Intelligence through Immersive Visualizations for Sports | Tica Lin | ------ |
| 4 | 2024/09/23 | PhD Survival Kit- Things I wish I knew on Day One | Tica Lin | Dan Luo |
| 5 | 2024/09/30 | Conducting Effective Research: A Speech Processing Case Study | Ryandhimas Edo Zezario | Ryan |
| 6 | 2024/10/08 | Mathematics-Inspired Models: A Green and Interpretable Learning Paradigm | Ling Guan | ------ |
| 7 | 2024/10/14 | Toward Transferable Targeted Adversarial Attacks and the Countermeasures | Shang-Tse Chen | Mequanent |
| 8 | 2024/10/21 | Artificial Intelligence and Social Networks in Digital Healthcare | Shabbir Syed Abdul | Komang |
| 9 | 2024/10/28 | IGRP: Iterative Gradient Rank Pruning for Finding Graph Lottery Ticket | Po-wei Harn | Christofer |
| 10 | 2024/11/04 | SNHCC Orientation | SNHCC Faculty | ------ |
| 11 | 2024/11/11 | From International Student to Research Career in Taiwan | Nguyen Quoc Khanh Le | Zihao |
| 12 | 2024/11/18 | From NLP to Robotics: Navigating a Nonlinear Career in Tech | Carlos Argueta | Ellis |
| 13 | 2024/11/25 | Human-Centered Smart Healthcare Service | Hsiao-Ting Tseng | Bustami |

| 14 | 2024/12/02 | Markov Modeling for Licensed and Unlicensed Band Allocation<br>& *What is the Ph.D.?* | Po-Heng (Bone) Chou | Gizachew |
|----|------------|-----------------------------------------------------------------------------------------|---------------------|----------|
| 15 | 2024/12/03 | Interpretable, Green, and High-performance Image Denoising and Single-Image Super-Resolution | C.-C. Jay Kuo | ----- |
| 16 | 2024/12/16 | Fatty Liver Classification via Risk Controlled Neural Networks Trained on Grouped Ultrasound Image Data | Tso-Jung Yen | Desalegn |
| 17 | 2024/12/23@12:00 | Year-End Event | ----- | ----- |