

## TIGP SNHCC Fall 2020 Syllabus Seminar

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

**Chair:** Dr. Yu Tsao

**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 expand their research interests.

**Grades:** Attendance 100%

Week	Date	Topics / Brief Description	Lecturers / Host
1	2020/09/14	Deep Battery Saver - End-to-end Learning for Power Constrained Contrast Enhancement	Yan-Tsung Peng / Yu Tsao
2	2020/09/21	Conversational AI Introduction	Yun-Nung Chen / Jonathan Sherman
3	2020/09/28	TIGP SNHCC Orientation	-----
4	2020/10/05	Deep Learning for Subject Clustering and Tracking	Jun-Cheng Chen / Shafique Ahmed
5	2020/10/12	Using Statistical Principle-Based Approach(SPBA) for Extracting Relations between Entities in Biological Literature	Nai-Wen Chang / Mluleki Wenkaba Mtande
6	2020/10/19	Study on psychophysiological response tendencies of game user by reinforcement learning	Tzu-Chien Hsiao / Chontipan Plengvittaya
7	2020/10/26	Detection and classification of common voice disorders based on MFCC and deep neural networks.	Chi-Te Wang / Muhammad Asad
8	2020/11/02	Issues in PM2.5 prediction	Meng Chang Chen / Siu Hin NG
9	2020/11/09	Data Analytics for Designing Trading Strategy	Wei-Ho Chung / MD KHALID HOSSEN
10	2020/11/16	Midterm Exam_No Class	-----
11	2020/11/23	Financial Opinion Mining	Chung-Chi Chen / Charlie Wong
12	2020/11/30	Pulsed Magnetomotive Ultrasound - Locating Magnetic Nanoparticles Ultrasonically	Meng-Lin Li / Sahibzada Adil Shahzad
13	2020/12/07	Inside the Lucrative Underworld of Cyber-attacks: Challenges and AI-based Solutions	Gaddisa Olani Ganfure / Joy Lin
14	2020/12/14	An Overview of Virtual Musician Systems	Li Su / Wasim Ahmad
15	2020/12/21	A recent study on concert video mashup	Jen Chun Lin / Ammarah Hashmi
16	2020/12/28	Novel Haptic Feedback Enhancing VR Interactions	Hsin-Ruey Tsai / TING-WEI LIN
17	2021/01/04	Reactive Supervision	Boaz Shmueli / aneeka azmat
18	2021/01/11	Final Exam_No Class	-----