

TIGP SNHCC Spring 2022 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	2022/02/14	Sensor-based Pervasive Computing Technology for Healthcare	Kai-Chun Liu / Yu Tsao
2	2022/02/21	Robust Audio-Visual Speech Enhancement in Real-world Scenarios	Yu Tsao
3	2022/02/28	No Class (Holiday-228 Peace Memorial Day)	-----
4	2022/03/07	An Introduction of Quantum Circuit Learning and Its Applications on Speech and Language Processing	Chao-Han Huck Yang / Yu Tsao
5	2022/03/14	Can AI be trusted in healthcare?	Po-Chih Kuo / Nora Lizarti
6	2022/03/21	Rethinking Policy Improvement in Reinforcement Learning	Ping-Chun Hsieh/ Dyah Ayu Marhaeningtyas Galuh Wisnu
7	2022/03/28	<u>Unsupervised Noise Adaptive Speech Enhancement by Discriminator-Constrained Optimal Transport</u>	Huan-Hsin Tseng / Chia-Hsuan Ho
8	2022/04/04	No Class (Holiday-Tomb Sweeping Festival and Children's Day)	-----
9	2022/04/11	Neural signatures for speech comprehension in adverse listening conditions	Cheng-Hung Hsin
10	2022/04/18 @15:30	Cross-Reality HCI @online	Liwei Chan / Aleksandra Paulina Smolka
11	2022/04/25	Visual-Semantic Embedding for Multi-label Image Classification: From Fully Supervised to Zero Shot Settings @online	Mei-Chen Yeh / Ryan Rey Daga
12	2022/05/02	Artificial Intelligence in Laboratory Medicine - Clinical Decision Support @online	Yi-Ju Tseng / Fatima Lois Esguerra Suarez
13	2022/05/09	XR Applications in Game, Real Estate, and Sports @online	James Hung-Kuo Chu/ Wen-Hao Png
14	2022/05/16	Sparse Grid Imputation Using Unpaired Imprecise Auxiliary Data: Theory and Application to PM2.5 Estimation @online	Ming Chuan Yang/ Mequanent Argaw Muluneh
15	2022/05/23	Deep learning for large-scale scientific visualization and analysis @online	Ko-Chih Wang/ Assefa Chekole Addis
16	2022/05/30	Lifelog Mining and Applications @online	An-Zi Yen/ Tahir Hussain
17	2022/06/06	Pathological Voice Classification @online	Shih-Hau Fang/ Wasim Ahmad
18	2022/06/13	No Class (Final Exam)	-----