**TIGP SNHCC Fall 2018 Syllabus Seminar**

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

**Chair:** Dr. De-Nian Yang

**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.

**Grades:** Attendance 100%

| Week | Date | Topics/Brief Description | Lecturers |
|---|---|---|---|
| 1 | 2018/09/12 | Natural Language Processing: What, Who and Why | Lun-Wei Ku |
| 2 | 2018/09/19 | How to Make Mistakes in Data Science | Hung-Hsuan Chen |
| 3 | 2018/09/26 | Scalability and Traffic Engineering for Multicast in Internet and Software-Defined Networks | De-Nian Yang |
| 4 | 2018/10/03 | Route Recommendation to Idle Taxi Drivers<br>Knowledge-Bases: Extraction, Inference & Applications | Dr. Ranu<br>Dr. Mausam |
| 5 | 2018/10/10 | No Class | No Class |
| 6 | 2018/10/17 | Speech signal processing and its application to assistive speaking and listening devices | Yu Tsao |
| 7 | 2018/10/24 | Learning-based compressive MRI | Yen-Huan Li |
| 8 | 2018/10/31 | Latency-Optimal Beam Sweeping Designs for Millimeter-Wave Radio Access | Shao-Yu Lien |
| 9 | 2018/11/07 | Computational Approaches to Music Generation: Some Recent Studies | Li Su |
| 10 | 2018/11/14 | Recent Research in Design and Analysis for Intelligent Vehicles | Chung-Wei Lin |
| 11 | 2018/11/21 | From Machine Reading to Multi-document Processing | Keh-Yih Su |
| 12 | 2018/11/28 | Human-Centered Machine Learning Design | Han-Shen Chen |
| 13 | 2018/12/05<br>(1430-1630) | Job Allocation with a Consideration of Fairness | Ling-Chieh Kung |
| 14 | 2018/12/12<br>(O108) | Design for Behavior Change: Practice-Based Interventions for Sustainable Living | Patricia Pei-Yi Kuo |
| 15 | 2018/12/19<br>(N101) | Making Sense of Internet of Things: using AirBox as an Example | Ling-Jyh Chen |
| 16 | 2018/12/26 | TBA | TBA |
| 17 | 2019/01/02 | Local Differential Privacy: State-of-the-art Privacy Notion for Distributed Environment | Chia-Mu Yu |
| 18 | 2019/01/09<br>(1330-1500) | When AI meets biology: recent results in deep learning and systems biology | Che Lin |
| | 2019/01/09<br>(1500-1630) | Deep Learning for Mobile Traffic and Resource Management | Chih-Wei Huang |