

10810IPHD700100 書報討論 (iPhD seminar)**Instructor : Professor Chen-Fu Chien, Ph.D. (簡禎富 講座教授)**

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Secretary: Ms. Ying-Yu Lu(盧映宇)**TA : Chun-Yao Wang, (王俊堯)**E-Mail: s105034525@gapp.nthu.edu.tw**Time : W6W7 (Wednesday 14:20 ~ 16:20)****Classroom : GEN II(綜二) 205****Course Description**

This course aims to broaden the Ph.D. students' horizon in different areas. This course starts with a warm-up session to introduce the concept of manufacturing intelligence and decision analysis. This course will also invite speakers to share their cutting-edge research and experiences. The participating students are required to review and present the up-to-date literature by themselves. In the end of the semester, a term paper and the oral presentation, will be required to summarize what they have learned through the semester.

Agenda

Week	Date	Speaker	Topic	Field	Affiliation
1	9/11	TBD			
2	9/18	Burn-Jeng Lin, (林本堅院士)	My Philosophy of Life	Immersion lithography, Semiconductor manufacturing	Member of Academia Sinica, Former deputy general manager of R&D of TSMC
3	9/25	Industry3.5 symposium			
4	10/2	Prof. Antony SF chiu (周純峰教授)	Circular Economy meets industry3.5	Circular Economy, Sustainability, Industrial Ecology	De La Salle University (1st)
5	10/9	Ling-Fan Li (李翎帆 教授)	Commercial interest rates and geography of international credit in the seventeenth century		Department of Economics, NTHU

6	10/16	Prof. Po-Yu Chen (陳柏宇教授)	Next generation materials inspired from Nature and optimized by AI	Bio-inspired Materials	Department of Materials Science and Engineering, NTHU
7	10/23	Tan Kui Thong (陳貴通教授)	TBD	Organic Chemistry, Analytical Chemistry, Chemical Biology	Department of Chemistry, NTHU (簡老師有行程)
8	10/30	王振源	TBD		
9	11/6	TBD			
10	11/13	School sports competition (全校運動會) - DAY OFF			
11	11/20	Y.-W. Peter Hong (洪樂文教授)	TBD	Physical Layer Secrecy, Cooperative Communications, Distributed Signal Processing for Sensor Networks	Department of Electrical Engineering, NTHU
12	11/27	Yunching (Becky) Chen (陳韻晶教授)	Application of nanotechnology in cancer therapy	Drug delivery Cancer, Biology Pharmaceutics, Gene Therapy	Institute of Biomedical Engineering, NTHU
13	12/4	TBD			(簡老師出國)
14	12/11	Prof. Chien-Heng Wu (吳建亨教授)	The question of the posthuman	Comparative Literature, Literary Theory, Contemporary Continental Philosophy,	Department of Foreign Languages and Literature, NTHU
15	12/18	Prof. De-Hao Tsai (蔡德豪教授)	Hybrid nano-catalysts for energy and environmental applications	Material characterization, Nanomaterials, Nanomaterials Synthesis,	Department of Chemical Engineering, NTHU
16	12/25	TBD			

17	2020/1/1	New Year' s Day (元旦) - DAY OFF			
18	1/8	Professor Ching-Ting Hsin (辛靜婷教授)	Approaches to Educational Equity for Young Indigenous Children in Taiwan: From Literacy to STEM Curricula		Department of Early Childhood Education, NTHU

Evaluation

1. **Attendance - 50%**
2. **Oral Presentation - 30%**
3. **Discussion - 20%**

Regulation

1. You should sign the attendance sheet before the talk starts (14:20).
2. In this course, we have totally 14 talks, you should at least attend 10 talks, and each of them correspond to 5 points.
3. You should ask at least 2 Questions during the semester and send a single page to TA about your questions and the response from the speaker.
4. You should prepare one presentation about your recent research, literature reviews, methods and validation result...etc. Everyone should present 20 minutes and 5 mins for Q&A. After presentation, you should evaluate the talk among classmates and return the score sheet to TA.