

The 5th NExT++ Workshop 2019 Singapore

Theme: Explainable AI and Wellness

Date: 25-26 April 2019 (Thursday & Friday)

Venue: The Hangar, NUS Enterprise, National University of Singapore
21 Heng Mui Keng Terrace, I³ Building Level 1, Singapore 119613

Time	Day 1 (25 Apr)
0830 – 0850	Registration
0850 – 0920	Opening Session by Tat-Seng Chua (NUS), Maosong Sun (Tsinghua University) & Wendy Hall (University of Southampton)
0920 – 1030	Session 1: Explainable and Socially Responsible AI Talk 1: Socially Responsible AI, by Wendy Hall (University of Southampton) Talk 2: Explainable AI Framework, by Xiang Wang (NUS) Discussion Session 1
1030 – 1100	Morning Tea
1100 – 1240	Session 2: Fintech Applications Talk 3: AI Research for Smart Customer Relationship Management (CRM), by Steven Hoi (Salesforce) Talk 4: Collaborative and Community-based AI Research in Finance, by Lionel Semonin (Four Elements Capital) Talk 5: Financial Asset Price Prediction, by Fuli Feng (NUS) Discussion Session 2
1240 – 1430	Lunch & Poster Session
1430 – 1610	Session 3: Video Understanding: Causality and Relations Talk 6: Marrying Causality and Association with Visual Learning, by Peng Cui (Tsinghua University) Talk 7: Multi-party Live Video Streaming over DASH, by Wei-Tsang Ooi (NUS) Talk 8: Towards Video Graph: Relation-Aware Association, by Xindi Shang (NUS) Discussion Session 3
1610 – 1630	Afternoon Tea
1630 – 1750	Session 4: NLP and Insights Talk 9: Sentiment, Aspect and Stance Analysis, by Min Zhang (Soochow University) Talk 10: Information Retrieval Techniques to Facilitate Discussion in Online Forums, by Min-Yen Kan (NUS) Discussion Session 4
1750	End of Day 1

Time	Day 2 (26 Apr)
0830 – 0900	Registration
0900 – 1040	Session 5: Security and Privacy Talk 11: Synthetic Data Generation with Differential Privacy, by Xiaokui Xiao (NUS) Talk 12: System Log Security Analysis via Recommendation, by Zhenkai Liang (NUS) Talk 13: Fusion of AI and Security: Two Specific Applications, by Chao Zhang (Tsinghua University) Discussion Session 5
1040 – 1100	Morning Tea
1100 – 1240	Session 6: Others Talk 14: Third Party Logistics: The Missing Puzzle in Big Data Analytics, by Kian Sin Ng (Kuehne+Nagel) Talk 15: Intelligent Text Input Techniques and Applications, by Chun Yu (Tsinghua University) Talk 16: Rep the Set: Neural Networks for Learning Set Representations, by Michalis Vazirgiannis (École Polytechnique) Discussion Session 6
1240 – 1250	Closing Remark and End of Main Workshop
1250 – 1400	Lunch

Time	Day 2 (26 Apr): Parallel Session on Wellness (For Internal Participants only)
0900 – 1030	Session A: DietLens at Work Talk A: Wellness at NEXt++: by Wendy Hall (University of Southampton) Talk B: DietLens: From Food Recognition to Nutrition Intervention, by Zhaoyan Ming (NUS) Talk C: Domain-Specific Knowledge Graph Construction: Towards Wellness Applications, by Yixin Cao (NUS) Discussion Session
1030 – 1100	Morning Tea
1100 – 1250	Session B: Systems Demo and Hands-On Talk D: The Systems Architecture and Demos of DietLens, by Jonathan Staniforth (University of Southampton) Hands-on Experience
1250 – 1400	Lunch
1400 – 1530	Brainstorming Session A: Wellness Applications (in Europe and Asia)
1530 – 1600	Afternoon Tea
1600 – 1730	Brainstorming Session B: Issues in Applications and Deployment
1730 – 1800	Closing & Summary of Actions