

Program Overview

The 2015 Conference on Technologies and Applications of Artificial Intelligence (TAAI 2015)

Friday, November 20, 2015

Time	Room Paris (4F)	Room New York (4F)	Room London (4F)	Room Berlin (4F)	Room Athens (4F)
08:00-17:00	Registration (4F)				
08:30-09:00	Opening Place: Banquet Hall B (5F)				
09:00-09:50	Keynote Speech I Yau-Hwang Kuo Production 4.0 from the Perspective of Intelligent Computing Chair: Pau-Choo (Julia) Chung Place: Banquet Hall B (5F)				
09:50-10:10	Coffee Break (5F)				
10:10-11:00	Keynote Speech II Kay Chen Tan Evolutionary Multi-objective Optimization in Engineering and Prognostic Applications Chair: Chuan-Kang Ting Place: Banquet Hall B (5F)				
11:00-11:10	Break				
11:10-12:00	Keynote Speech III Marek Reformat Controlled Imprecision: Fuzzy Technology for Exploration Processes Chair: I-Chen Wu Place: Banquet Hall B (5F)				
12:00-13:20	Lunch Break				
	IEEE Computational Intelligence Society (CIS) Reception (open to both CIS and non-CIS attendees) Chair: Pau-Choo (Julia) Chung Place: Rooms Paris and New York				
13:20-14:20	Tutorial I Baoding Liu Uncertainty Theory: A Branch of Mathematics for Modeling Belief Degrees Chair: Tzung-Pei Hong Place: Rooms Paris and New York				
14:20-14:30	Break				
14:30-15:30	Tutorial II Yusuke Nojima and Chun-Hao Chen Genetic Fuzzy Systems and Its Application to Data Mining Chair: Mong-Fong Horng Place: Rooms Paris and New York				
15:30-15:50	Coffee Break				
15:50-16:30	W01 Theory and Applications of Evolutionary Algorithms (19, 92, 112, 43, 144, 91)	ITS 2 Data Mining (12, 59, 136, 143, 163)	SS03-2 Intelligent Technology for Community-centric Systems (66, 70, 71, 72, 73, 111, 160)	DTS 2 Innovative Applications (56, 77, 106, 110, 113, 164, 25, 53)	DTS 1-2 Data Analytics (149, 168)
16:30-18:30					
19:00-21:00	Welcome Reception Place: Banquet Hall B (5F)				

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Saturday, November 21, 2015

Time	Room Paris (4F)	Room New York (4F)	Room London (4F)	Room Berlin (4F)	Room Athens (4F)	Chang Jung Christian University	
08:00-17:00	Registration						
08:30-09:30	Tutorial III Naoyuki Kubota Intelligence and Cognition for Robotics Chair: Shun-Chin Hsu Place: Rooms Paris and New York		SS01 Big Social Media Intelligent Analytics Services (31, 87, 104, 125)	SS02-1 Advanced Data Mining and Computational Intelligence (48, 84, 86, 88, 89)	DTS 3 Business Intelligence (14, 42, 45, 170, 50)	Competition TAAI 2015 Computer Game Tournament	
09:30-09:40	Break						
09:40-10:40	Tutorial IV Ivan Jordanov Computational Intelligence for Data Analytics Chair: Chia-Hui Chang Place: Rooms Paris and New York						
10:40-11:00	Coffee Break						
11:00-12:00	Keynote Speech IV Bing Liu Sentiment Analysis, Lifelong Learning, and Intelligent Personal Assistants Chair: Vincent Shin-Mu Tseng Place: Rooms Paris and New York						
12:00-13:30	Lunch Break Taiwanese Association for Artificial Intelligence (TAAI) Members Meeting Chair: I-Chen Wu Place: Rooms Paris and New York						
13:30-14:30	Keynote Speech V Xiaofang Zhou Deriving Values from Spatial Trajectories Chair: Wen-Chih Peng Place: Rooms Paris and New York						
14:30-14:50	Coffee Break						
14:50-16:10	TAAI 2015 Staff Meeting	ITS 3 Evolutionary Computation (47, 83, 100, 119)	SS05 Computational Intelligence in Biomedical Engineering (121, 62, 132)	ITS 4 Agent and Natural Language Processing (38, 63, 64, 165)	DTS 4 Applications on Machine Learning (37, 36, 140, 52)		
16:10-16:20	Break						
16:20-18:00	Taiwanese Association for Artificial Intelligence (TAAI) Board Meeting	DTS 5 Data Mining (54, 129, 28, 130, 57)	SS06 Learning in User Generated Data (131, 135, 138, 146)	SS02-2 Advanced Data Mining and Computational Intelligence (102, 103, 124, 158, 167)	DTS 6 Intelligent Learning (116, 97, 107, 133, 55)		
19:00-21:00	Banquet and Celebration of the 20th Anniversary of Taiwanese Association for Artificial Intelligence (TAAI) Place: Banquet Hall A (5F)						

Program Overview

The 2015 Conference on Technologies and Applications of Artificial Intelligence (TAAI 2015)

Sunday, November 22, 2015					
Time	Room Paris (4F)	Room New York (4F)	Room London (4F)	Room Berlin (4F)	Room Athens (4F)
08:00-17:00	Registration				
08:30-09:30	Keynote Speech VI Pascal Poupart Think Fast -- Resource Constrained Reasoning and Planning under Uncertainty Chair: Yuh-Jye Lee Place: Rooms Paris and New York				Competition Human vs. Computer Go Competition
09:30-09:50	Coffee Break				
09:50-10:50	Tutorial V Gary Yen Many-Objective Evolutionary Algorithms for Optimization Chair: Hung-Yu Kao Place: Rooms Paris and New York				
10:50-11:00	Break				
11:00-12:00	ITS 5 Scheduling (93, 159, 139)	ITS 6 Computer Game (58, 80, 81)	SS04 Computational Intelligence for Wireless Sensor Networks (134, 150)	DTS 7 Taiwanese Association for Artificial Intelligence (TAAI) Master Thesis and Doctoral Dissertation Award Presentation	
12:00-13:30	Lunch Break				
13:30-15:30	ITS 7 Multimedia and Image Processing (30, 33, 78, 95, 105, 152)	ITS 8 Applications (41, 51, 122, 123)	ITS 9 Machine Learning (85, 118, 128)	DTS 8 AI on e-Learning (109, 96, 99, 117, 76)	
15:30-15:50	Coffee Break				
15:50-16:20	Closing Place: Rooms Paris and New York				

Note:

- The presentation time is 20 minutes. This includes speaker transition, the setting of your computer (if needed), and question & answers. So each speaker should finish his/her talk within 15 or 16 minutes to have a time for question & answers.
- All of the papers are presented in English except for the papers that belong to Domestic Track Sessions 1-8 (DTSS 1- 8).
- The number below the topic of session denotes your paper ID.