ADCONIP 2017 Technical Program Monday May 29, 2017

ADCONIP 2017 Technical Program Monday May 29, 2017				
Track T1	Track T2	Track T3	Track T4	
	09:00-09:	30 MoOC		
	1F Confere	ence Room		
	Opening (Ceremony		
	09:30-10:2	0 MoAMPL		
	1F Confere	ence Room		
Advanced Contro	ol of Pharmaceutica	I Crystallization (Ri	chard D. Braatz)	
	10:20-10:40 N	MoTea_Break		
	Ball F	Room		
10:40-12:40 MoAT1	10:40-12:40 MoAT2	10:40-12:40 MoAT3	10:40-12:40 MoAT4	
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Room	Process	Process Analytics	Optimization and	
Model-Based	Integration and	and Chemometrics	Scheduling	
Control	Optimization 1			
	12:40-13:40 M	oLunch_Break		
	Yuehsiang	Restaurant		
13:40-14:10 MoKT1	13:40-14:10 MoKT2	13:40-14:10 MoKT3		
1F Conference	Room 101	Room 103		
Room	Keynote 2 (Y. Fu,	Keynote 3 (Y.		
Keynote 1 (M.	H. Yang)	Zhu)		
Guay)				
14:10-16:10 MoBT1	14:10-16:10 MoBT2	14:10-16:10 MoBT3	14:10-16:10 MoBT4	
1F Conference	Room 101	Room 103	Room 201	
Room	Data Analytics and	System	Design and	
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Adaptive and			Separation	
Learning Control			Processes	
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Ball Room				
Poster Session				
16:50-17:40 MoPMPL				
1F Conference Room				
Economic Plantwide Control (Sigurd Skogestad)				

18:00-20:00 MoBanquet	
Ball Room	
Banquet	

ADCONIP 2017 Technical Program Tuesday May 30, 2017

Track T1	Track T2	Track T3		
TIGON TI	09:00-09:50 TuAMPL	Track To		
	1F Conference Room			
Corneal Biomechanical N	Model and Intraocular Pres	ssure Measurement (Jia-		
	Yushi Yen)	(0.00		
	09:50-10:10 TuAMTea_Break			
	Ball Room			
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1F Conference Room	Room 101	Room 103		
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Detection and Diagnosis	Optimization 2	Tuning		
	12:10-13:10 TuLunch_Break			
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1F Conference Room	Room 101	Room 103		
Keynote 4 (B. Young)	Keynote 5 (J. Liu)	Keynote 6 (T.		
10.10.15.00.7. DT1	40 40 45 00 T BT0	Yamamoto)		
13:40-15:20 TuBT1	13:40-15:20 TuBT2	13:40-15:20 TuBT3		
1F Conference Room	Room 101	Room 103		
Identification and	Process and Control	Control Applications		
Estimation	Monitoring			
	15:20 45:40 TuDMTog Dags!			
	15:20-15:40 TuPMTea_Break			
Ball Room				
15:40-16:30 TuPMPL				
15.40-16.30 TUPMPL 1F Conference Room				
Mathematical Programming and Dynamic Programming: How They Can Be				
Combined for Further Use in Planning, Scheduling and Control of Multi-				
Scale Stochastic Energy Systems (Jay H. Lee)				
16:30-16:50 TuClosing				
1F Conference Room				
Closing Ceremony				
crossing ceremony				

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Chair: Gao, Furong	Hong Kong Univ. of Science &	Accommodate HEN Clear
	Tech	LIAO, BO-JYUN
Co-Chair: Li, Shaoyuan	Shanghai Jiao Tong Univ	Yi, Kuang-Ting Chang, Chuei-Tin
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State Feedback Output Reg		11:00-11:20
Controlled Linear 2X2 Hype		Segregated Targeting for with Dedicated Sources (
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	-	Bandyopadhyay, Santan
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Padhiyar, Nitin	Indian Inst. of Tech.	Zna, Molqian
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Moudgalya, Kannan M.	I.I.T. Bombay	-
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·	Tech	
Gao, Furong	Hong Kong Univ. of Science &	MeAT2
	Tech	MoAT3
		Process Analytics and Che Chair: Yao, Yuan
MoAT2	Room 101	Co-Chair: Kim, Sanghon
		oo onan rani, oangilon

Process Integration and Optimization 1 (Invited Session)

Univ. of Nottingham Malaysia

Indian Inst. of Tech. Bombay

Campus

10:40-11:00

Chair: Foo, Dominic

Santanu

Co-Chair: Bandyopadhyay,

Organizer. Poo, Dominic	Campus
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Accommodate HEN Cleaning	
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Zhou, Yuhang	Sinochem Xingzhong Oil Staging (Zhoushan) CO, LTD.316000
Zhu, Meiqian	State Key Lab. of Heavy Oil Processing, Coll. of Chemica
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Co-Chair: Kim, Sanghong	Kyoto Univ
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Univ. of Nottingham Malaysia

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MoAT4.3

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IIT Madras

Indian Inst. of Tech. Madras

	<u> </u>		
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Chair: Chien, I-Lung Co-Chair: Lee, Hao-Yeh	National Taiwan Univ National Taiwan Univ. of Science	MoPO Rostor Sossion (Interactive Se	Ball Room
CO-Chail. Lee, Flao-Ten	National Talwan Univ. of Science & Tech	Poster Session (Interactive Se Chair: Ward, Jeffrey Daniel	ession) National Taiwan Univ
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organizor. Omon, r Lang	Tadona Tawan Only	Pobust Preliminary-Summa	ation Passed Dringinal

MoBT4.1

National Taiwan Univ

National Taiwan Univ

National Taiwan Univ

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Tagawa, Takuya	Nagoya Institute of Technology	Lee, Ming-Wei	China Steel Corp
Mase, Hiroki	Nagoya Institute of Technology		
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Young, Brent	The Univ. of Auckland	Mantri, Madhav	Indian Inst. of Tech. Kharagpur
		Zukui, Li	Univ. of Alberta
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Chair: Yih, Hwei-Nan	Advanced Control & Systems Inc	Findeisen, Rolf	Univ. of Magdeburg
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Handling Class Imbalance and Multiple Inspection Objectives in Design of Industrial Inspection System, pp.

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Survey on Advanced Alarm Strategies Based on Multivariate Analysis, pp. 612-617.

Yang, Fan Tsinghua Univ Guo, Cen Tsinghua Univ

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Control Applications (Regular Session)

Chair: Wu, Wei National Cheng Kung Univ Co-Chair: Jang, Shi-Shang National Tsing-Hua Univ

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A Real-Time Streamline-Based Obstacle Avoidance System for Curvature-Constrained Nonholonomic Mobile Robots, pp. 618-623.

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Chung-Hsun, Wang Acad. Sinica
Chou, Han-Jung IIS, Acad. Sinica
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pp. 624-629.

Oh, Tae Hoon Seoul National Univ
Oh, Se-Kyu Seoul National Univ
Lee, Jong Min Seoul National Univ

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Graph-Theoretic Control Structure Synthesis for Optimal Operation of Heat Exchanger Networks, pp. 630-635.

Kang, Lixia Xi'an Jiaotong Univ Liu, Yongzhong Xi'an Jiaotong Univ

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Evaluation of Gas-Liquid Contact Area and Liquid Holdup of Random Packing Using CFD Simulation, pp. 636-641.

Kang, Jia-Lin National Tsing-Hua Univ
Chen, Wei-Fu National Tsing Hua Univ
Wong, David Shan Hill National Tsing Hua Univ
Jang, Shi-Shang National Tsing-Hua Univ

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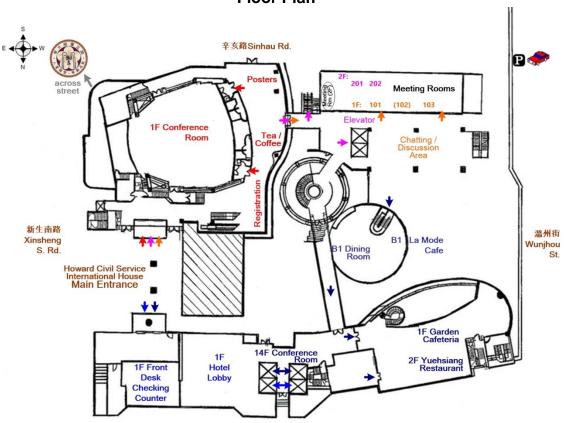
Chen, Jhao-Rong National Cheng Kung Univ Wu, Wei National Cheng Kung Univ

Venue

Howard Civil Service International House, Taipei, Taiwan 福華文教會館

http://intl-house.howard-hotels.com/ No. 30, Sec 3, Xinsheng S. Road, Taipei

Floor Plan



Workshop	09:00-17:00	28 May	2F 201 (Lunch: 2F Yuehsiang)
Registration	14:00-18:00		1F Conference Room
Welcome Reception	18:00-20:00		14F Conference Room
AdCONIP Sessions	09:00-17:40	29 May	1F Conference Room; 101; 103; 201
Lunch	12:40-13:40		2F Yuehsiang Restaurant
Banquet	18:00-20:00		2F Yuehsiang Restaurant
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Lunch	12:10-13:10		2F Yuehsiang Restaurant
Dinner (Optional)	18:00-20:00		1F Garden Cefeteria (show ticket)

Taipei Metro System

(AdCONIP: 福華文教會館)

