IEEE International Conference on Automation (ICA)

XXVI Congreso de la Asociación Chilena de Control Automático (ACCA) - IEEE ICA ACCA 2024

October 20-23, 2024

CEPEC (Cruz del Sur 77, Las Condes, Santiago de Chile), USACH

Access to Full Program

Program at Glance

SUNDAY October 20	
12:45 - 18:30	IFAC Latin American Women in Control Engineering Meeting

MONDAY October 21			
8:30 - 9:15	Registration and Welcome		
9:15 - 10:15	Plenary talk: **Importance of Manufacturing and Industrial Robotics in Latin America's Economic Development** Prof. Honoris Causa Gastón Lefranc		
	Coffee		
10:40 - 12:40	Technical Sections		
	M1: Process Control I Room 303	**M2: Inf. Technologies and Communication Systems I** Room 302	**M3: Power Electronic I** Room3031
12:45 - 13:50	Lunch		
14:00 - 15:00	Plenary talk: **Mathematical modeling and LMI-based control design for applications in the context of electrical microgrids** Dra. Cecília de Freitas Morais		
	Coffee		
15:20 - 17:40	Technical Sections		Matlab tutorial: Introducción a Machine Learning
	M4: Robotics, IA Eng. Education Room 303	**M5: Power System I** Room 302	**M6: Theory Control I** Room 301	16:00 - 17:30
18:00	Opening Ceremony		

TUESDAY October 22			
9:00-10:00	Plenary talk: **Safety Assurances for Learning-Enabled Autonomous Systems** Dr. Somil Bansal		
	Coffee		
10:20-12:40	Technical Section		
	T1: Information Technologies and Communication Systems II Room 303	**T2: Theory Control II** Room 302	**T3: Power Electronic II** Room 301
12:45-13:50	Lunch		
14:00-15:00	Panel I: **Control applications for the security of power systems**		
	Coffee		
15:20-17:20	Technical Section		
	T4: Energy I Room 303	**T5: Production and Industry** Room 302	**T6: Power Electronic III** Room 301
19:00	Gala Dinner		

WEDNESDAY October 23			
9:00-10:00	Plenary talk: **Challenges of Carbon-Neutral Power Systems** Dr. Rodrigo Palma		
	Coffee		
10:20-12:40	Technical Section		
	W1: Biomedical Engineering Room 303	**W2: Computer Science, Software, Informatics** Room 302	**W3: Power Electronic IV and Process Control II** Room 301
12:45-13:50	Lunch		
14:00-15:00	Panel II: **Digital Agriculture: Innovations and Challenges**		
	Coffee		
15:20-17:40	Technical Section		
	W4: Digital Agriculture and Ecological Technology Room 303	**W5: Energy II and Power System II** Room 302	
17:45	Best paper award ceremony and closed		

See full program at https://easychair.org/smart-program/IEEEICA-ACCA2024/