

Japan - Latin America Academic Conference 2018 in Nikko

Workshop 4

Sensors, Robotics, Automation in Mining, AgroSciences & Natural Resources, Smart Cities

Co-chair

	name	University, Institution, company
Leandro Voisin		University of Chile
Leonardo Basso		University of Chile
Alvaro Videla		Pontificia Universidad Católica de Chile
Maria Molinos		Pontificia Universidad Católica de Chile
Mamoru Doi		University of Tokyo

26-Sep	Registration	09:00	~	09:20	Name	Title
	Welcome and Opening Remarks	09:20	~	09:25		-
	Workshop Introduction	09:25	~	09:30		-
		09:30	~	09:50	Shinichi Nakasuka (UTokyo)	University Challenge Towards Novel Ways of Space Utilizations Using Micro/nano/pico-satellites
	⊖	09:50	~	10:10	Marcos Díaz (UChile)	UChile micro-satellite program
	9:30-11:00	10:10	~	10:30	Hajime Kawahara (UTokyo)	Transiting exoplanet survey by micro satellites
		10:30	~	11:00	Discussion	
	coffee break	11:00	~	11:30		Sehime-monogatari Convention hall
		11:30	~	11:50	Leandro Voisin (UChile)	Advanced Hyperspectral Characterization for Mining in Chile Towards a sustainable mining industry:
	⊖	11:50	~	12:10	Alvaro Videla Leiva (PUC)	review on extraction technologies and challenges
	11:30-13:00	12:10	~	12:30	Carlos Marquart (PUC)	GeoMining exploration challenges in Chile
		12:30	~	13:00	Discussion	
	Lunch	13:00	~	14:30		Sehime-monogatari Convention hall
		14:30	~	14:50	Masaru Mizoguchi (UTokyo)	ICT Field Monitoring System using Sensors for Agriculture
	⊖	14:50	~	15:10	Miguel Torres (PUC)	Mobile Manipulator Robots: Challenges in Agriculture and Mining
	14:30-16:00	15:10	~	15:30	Rodrigo Verschaë (UOH)	Coordinated Energy Management for prosumer communities
		15:30	~	16:00	Francisco Martínez (UChile)	Urban Science: land-use, transportation, markets and emerging universal laws
	coffee break	16:00	~	16:30		Sehime-monogatari Convention hall
		16:30	~	16:50	Toshiyuki Yamamoto (Nagoya Univ)	Shared Autonomous Private Vehicles: potential scenario in Nagoya
	④	16:50	~	17:10	Leonardo J. Basso (UChile)	Real-time crash prediction in urban highways
16:30-18:00	17:10	~	17:30	Fumitaka Kurauchi (Gifu Univ)	Identifying vehicle /people movement using transport big data	
	17:30	~	17:50	Maria Fragkou (UChile)	Urban metabolism: a conceptual and methodological tool for interdisciplinary research on cities	
Forum Logistics Announcements	17:50	~	18:00	Discussion		

27-Sep	Registration	09:00	~	09:20	Name	Title
	Welcome and Opening Remarks	09:20	~	09:25		-
	Workshop Introduction	09:25	~	09:30		-
	⑤		~			
	9:30-11:00		~			
	coffee break	11:00	~	11:30		Sehime-monogatari Convention hall
	⑥		~			
	11:30-13:00		~			
	Lunch	13:00	~	14:30		Sehime-monogatari Convention hall
	⑦		~			
14:30-16:00		~				
coffee break	16:00	~	16:30		Sehime-monogatari Convention hall	
⑧		~				
16:30-18:00		~				
Forum Logistics Announcements		~				