

ACW 2022 Program							
						Presenter	Presentation title
June 5	17:00-19:00	Chair	Abst. No.	Reception	Online/Onsite		
June 6	8:50-9:00	Kentaro Taki		Opening remark	Onsite	Kentaro Taki	-
	9:00-9:40	Kentaro Taki	o	1 Keynote 1	Onsite	Takeaki Tsuda	A Review of Early Challenge on Li-ion Battery Coating/Drying Process
	9:40:10:10			2 Lab introduction 1	Online	Ying-Chih Liao, National Taiwan University	Recent studies on printing technology development at Department of Chemical Engineering, National Taiwan University
	10:10-10:20			Break			
	10:20-10:50	Ying-Chih Liao		3 Lab introduction 2	Onsite	Susumu INASAWA*, Tokyo University of Agriculture and Technology	Drying and flow of phase-separated liquids
	10:50-11:20			4 PhD student 2	Onsite	*Masahiko Tanaka, Susumu Inasawa, Tokyo University of Agriculture and Technology.	Reversibility and inhomogeneity of packed films in drying of colloidal suspensions
	11:20-11:40	Susumu Inasawa		5 Lab introduction 3	Online	*Myungjae Lee, Jaewook Nam, Seoul National University	Introduction of Microfluidics and Coating Process Laboratory
	11:40-12:00			6 PhD student 1	Online	JeongHoon Park (1) KyungHyun Ahn* (2)	Flow-induced structural change of cathode slurry during storage
	12:00-13:00			Lunch break and Committe meeting			
	13:00-13:40	Yoshiyuki Komoda		7 Keynote 2	Online	Gen Inoue Kyushu University	Evaluation and optimization of heterogeneous electrode structure in secondary batteries and fuel cells by numerical analysis and direct observation
	13:40-14:10			8 Lab introduction 4	Online	Byoungjin Chun, Jin Seok Park, Jinseong Yun, *Hyun Wook Jung, Korea University	Modeling and simulation on particle dynamics in coating flow fields and vertical drying systems
	14:20-14:50		o	9 Lab introduction 5	Online	An-Bang Wang, Chia-Wei Hsu, Shih-Yi Chao, Ju-Yin Cheng, Yu-Wei Chiang, Ting Xuan Wang, Wei Hsuan Ke National Taiwan University, Taipei, Taiwan	Doing coating research with interdisciplinary friends - from Applied Mechanics to biomedical applications
	14:50-15:00			Break			
	15:00-17:00			Poster session	Hybrid		See the Poster session sheet above.
	17:00-18:00			Labo tour	Onsite	Labotour at Taki's lab	
June 7	9:00-9:40	Masato Yamamura		10 Keynote 3	Online	Paravee Vas-Umnuay	An Alternative Facile Deposition Method from Colloidal Solution for Various Potential Applications
	9:40:10:10			11 Lab introduction 6	Online	Kyung Hyun Ahn *	Microrheology lab in SNU
	10:10-10:20			Break			
	10:20-10:50	Kyung Hyun Ahn		12 Lab introduction 7	Onsite	*Masato Yamamura, Kyushu Institute of Technology	Drying of multicomponent soft matters
	10:50-11:20			13 Lab introduction 8	Onsite	Yoshiyuki Komoda Kobe University	Recent Research Activities on Slurry Coatings from Rheological Point of View
	11:20-11:40	Kentaro Taki		14 PhD student 3	Online	Min Hwan Jeong, Kyeong Jin Kim, Sang Ryoul Park, and Kyung Hyun Ahn	A high-speed secondary battery manufacturing process using the dewatering concept
	11:40-12:00			15 PhD student 4	Online	*Jin Seok Park, Jinseong Yun, Byoungjin Chun, Hyun Wook Jung, Korea University	Film stratification in drying of bidisperse colloidal mixtures
	12:00-13:00			Lunch			
	13:00-13:20	Takeaki Tsuda		16 PhD student 5	Online	*Jihwan Yoon (1), Jaewook Nam Seoul National University	Simplified model for operability window of slot coating without vacuum

	13:20-13:50		o	17	Lab introduction 9	Online	Yi-Ju Chou	Bulge formation of the liquid film at the trailing edge of the inclined surface and its resulting particle accumulation: A numerical study
	13:50-14:10			18	Lab introduction 10	Online	Yoshiko Tsuji University of Tokyo	TBD
	14:10-14:20			19	Lab introduction 11	Onsite	Kentaro Taki Kanazawa University	Coating UV curable resin on water surface.
	14:20-14:30				Award celemony		Kentaro Taki	
	14:30-14:35				Closing remarks		Kentaro Taki	

