



Japan-Croatia Joint Symposium on
Chemical Engineering & Plasma Agriculture for
Young Scientists Global Networking

SYMPOSIUM PROGRAM

1st day – October 15, 2024

CET			JST			
08:00	~	08:30	15:00	~	15:30	Registration – Faculty Hall, University of Zagreb, Faculty of Chemical Engineering and Technology, Trg Marka Marulića 19, Zagreb, Croatia
08:30	~	09:00	15:30	~	16:00	Opening ceremony Prof. Ante Jukić, PhD (University of Zagreb, FCET, Croatia) Gordan Tomac, MD Shimadzu d.o.o. Croatia H. E. Ambassador ISO Masato (Embassy of Japan in the Republic of Croatia) Assoc. Prof. Anamarija Rogina, PhD (University of Zagreb, Croatia) Prof. Toshihisa Kajiwara, PhD (Kyushu University, Japan)
09:00	~	09:30	16:00	~	16:30	Invited talk – Prof. Susumu Nii, PhD (Kagoshima University, Japan) APPLICATION OF ULTRASOUND TO CHEMICAL ENGINEERING
09:30	~	10:00	16:30	~	17:00	Invited talk – Prof. Zvezdana Findrik Blažević, PhD (University of Zagreb, Croatia) DEVELOPMENT OF BIOCATALYTIC PROCESSES – AN ENGINEERING APPROACH
10:00	~	10:30	17:00	~	17:30	Coffee break
10:30	~	11:00	17:30	~	18:00	Invited talk – Prof. Yusuke Sakai, PhD (Kyushu University, Japan) LIVER RECONSTRUCTION FOR REGENERATIVE MEDICAL SCIENCE

11:00	~	11:30	18:00	~	18:30	Invited talk – Prof. Gloria Gallego-Ferrer, PhD (Universitat Politècnica de València, Spain)	ADVANCED HYDROGELS FOR LIVER TISSUE ENGINEERING AND IN VITRO HEPATIC MODELS
11:30	~	12:00	18:30	~	19:00	Poster pitch presentation	
12:00	~	13:00	19:00	~	20:00	Lunch	
13:00	~	14:00	20:00	~	21:00	Poster session	
14:00	~	14:30	21:00	~	21:30	Invited talk – Prof. Ivana Murković Steinberg, PhD (University of Zagreb, Croatia)	TOWARDS WEARABLE CHEMICAL OPTICAL SENSORS FOR MULTIMODAL DETERMINATION OF BIOMARKERS
14:30	~	15:00	21:30	~	22:00	Invited talk – Assoc. Prof. Yoshinori Kawabe, PhD (Kyushu University, Japan)	MICROALGAE CELL ENGINEERING TECHNOLOGY TOWARD SUSTAINABLE GREEN CELL FACTORIES
15:00	~	15:30	22:00	~	22:30	Coffee break	
15:30	~	16:00	22:30	~	23:00	Invited talk – Prof. Kazunori Koga, PhD (Kyushu University, Japan)	GREEN PLASMA TECHNOLOGY FOR SUSTAINABLE AGRICULTURE
16:00	~	16:30	23:00	~	23:30	Invited talk – Assist. Prof. Gregor Primc, PhD (Jozef Stefan Institute, Slovenia)	COMBINING ADVANCED OXIDATION TECHNIQUES FOR DISINFECTION OF WATER FOR (CLOSED) IRRIGATION
16:30	~	16:45	23:30	~	23:45	Closing ceremony & photography	
18:00	~	20:00				Symposium dinner *	
* Additional charge. For more details, please contact the Local Organizing Committee.							

10:00	~	12:00	Selvita Ltd (Address: Prilaz baruna Filipovića 29, 10000, Zagreb) *
13:00	~	15:00	Laboratory visits (University of Zagreb, FCET)
13:00	~	15:00	Student workshop
* Visits are reserved for international attendees only.			

09:00 ~ 18:00	Symposium excursion (Plitvice Lakes National Park) *
	* For more details, please contact the Local Organizing Committee.