

WORKSHOP

PUSHING THE LIMITS OF PERFORMANCE AND DURABILITY OF FUEL CELLS AND ELECTROLYSERS SYSTEMS

15 SEPTEMBER 2023, CAPRI, ITALY

Grand Hotel Quisisana
Room: Rotonda

AGENDA

START	END	TOPIC	SPEAKER	AFFILIATION
09:00	09:15	Welcome and Registration		
09:15	09:35	RUBY AND REACTT - the twin projects	P. Polverino - D. Juricic	UNISA/IJS
09:35	09:50	On excitation of SOEC stacks for impedance spectroscopy in in-field applications	M. Glavan	IJS
09:50	10:05	Advanced monitoring of Fuel Cell stacks via Machine Learning for diagnostic applications	A. Pandolfi	UNISA
10:05	10:20	Health Index estimation for SOFCs using Deep Neural Networks	P. Svaizer	FBK
10:20	10:35	Fuel cell State of Health forecasting using Echo State Networks	D. Chanal	UBFC
10:35	10:45	Q&A		
10:45	11:15	Coffee break & networking		
11:15	11:30	Real-time optimizing control	T. De Avila Ferreira	HES-SO
11:30	11:45	Data-driven prediction of the remaining useful life of SOFC systems	D. Juricic	IJS
11:45	12:00	THDA application for SOEC degradation monitoring	M. Tandl	AVL
12:00	12:15	MDPC platform for on-field EIS of Fuel Cells and Electrolysers	E.A. Adinolfi	UNISA/BITRON
12:15	12:45	The MDPC tool: expectations, perspectives, challenges	Round Table	
12:45		Lunch		