

# Josite'2020

15<sup>th</sup> Workshop on Industrial  
Systems and Energy Technologies

July 10, 2020

9:00	<b>WELCOME RECEPTION: Tomás Gómez San Roman, IIT Director</b>		
	<i>Session 1. Chairman: Lukas Sigrist</i>	<i>Presenter:</i>	<i>Discussant:</i>
9:10	<i>Revisiting electricity network tariffs in a context of decarbonization, Digitalization, and Decentralization</i>	Nicolás Morell Dameto	Javier Reneses
9:30	<i>Semidefinite relaxation and generalised Benders decomposition to solve the transmission expansion network and reactive power planning.</i>	Erik Francisco Alvarez Quispe	Alberto Campos
9:50	<i>Optimising a Microgrid System by Deep Reinforcement Learning techniques</i>	David Domínguez Barbero	Álvaro López
10:10	<i>Oil Costs and Prices: An empirical causality analysis</i>	Pedro Moreno Alonso	Sara Lumbreras
10:30	<i>How to implement flexibility mechanisms in the planning of electricity distribution networks?</i>	Mauricio Correa Ramirez	Pablo Frías
10:50	<i>Impact of PLL Control on Small-Signal Stability of Wind DFIGs Connected to a Weak Grid</i>	Régulo Enrique Ávila Martínez	Aurelio García Cerrada
11:10	COFFEE BREAK (at home)		
	<i>Session 2. Chairman: Paloma Cucala</i>	<i>Presenter</i>	<i>Discussant:</i>
11:30	<i>Highly-sensitive Dielectric Resonator sensor for liquid characterization</i>	Mahdieh Gholami Mayani	Javier Herraiz
11:50	<i>3D Printed Graphene Scaffolds for bone regeneration: a preliminary study</i>	Sara López de Armentia Hernández	Carlos Rodríguez-Morcillo
12:10	<i>Talking about ESG matters</i>	Alejandro Rodríguez Gallego	Jose Carlos Romero Mora
12:30	<i>The Effect of Temporary Shocks on a Discrete-Time Corporate Investment Model in the Energy Industry</i>	Cristóbal Cantos Sánchez de Iburgüen	Javier García González
12:50	<i>Inconsistency detection on Data Communication standards using Information Extraction techniques: the ABP case.</i>	Sonia León del Rosario	Jaime Boal
13:10	BREAK		
13:15	<b>Panel Session: "Fresh Blood"</b> . Chairman: Javier García González Panelists: Gregorio López, M <sup>a</sup> del Mar Cledera, Carmen Valor, David Alfaya, Luis F. Sánchez Merchante, Manuel Morales		
14:00	CLOSING		