

COST Action 15225: MC meeting and Workshop
5-6 October 2017

Venue: University of the Basque Country
Faculty of Engineering of Gipuzkoa
Europa Plaza, 1 (Europa square)
Donostia-San Sebastian

Rooms: Conference room, Meeting rooms of 4th and 5th floor, Classrooms 5.1 and 5.7

October 5th				
MC Meeting	8:30-11:00	Note: Ask for the Conference room (salón de grados), it is in front of the main entrance		
Coffe break	11:00-11:30			
MC Meeting	11:30-12:30			
Coffee break	12:30-13:00			
I Workshop on Fractional order systems and Applications				
Session I: Fundamentals		Chair: Marcos Faundez		
	13:00	Jaroslav Koton	Czech Republic	WG2 - RC-EDP approach in designing fractional-order elements
	13:15	Dorota Mozyska	Poland	WG1 - Fractional consensus dynamics
	13:30	Maria Luisa Morgado	Portugal	WG1 - On the numerical solution of time distributed-order diffusion equations
	13:45	Neville Ford	UK	WG1 - High order numerical schemes for solving fractional order problems
Lunch on your own	13:45-14:30			
Session II: Fundamentals		Chair: Jaroslav Koton		
	14:30	Harry Esmonde	Ireland	WG1 - Time Dependent Viscoelastic Materials and Fractional Derivatives
	14:45	Sverre Holm	Norway	WG4 - A fractional derivative model resulting from non-Newtonian time-varying viscosity
	15:00	Eva Kaslik	Romania	WG1 - Stability of two-component incommensurate fractional-order systems and the investigation of a conductance-based neuronal model
	15:15	Roberto Garrappa	Italy	WG1 - A fractional-order operator for dielectric models
	15:30	Panagiotis Bertisias	Greece	WG3 - Capacitorless Fractional-Order Circuits
	15:45	Jan Dvorak	Czech Republic	WG3 - Fractional-Order Frequency Filters with Electronically Controllable Parameters
Coffee break	16:00-16:30?			

October 6th				
I Workshop on Fractional order systems and Applications				
Session III: Applications I		Chair: KarmeLe Lz de Ipiña		
	9:00	Emmanuel Hanert	Belgium	WG4 - A fractional-order diffusion model to predict transgenic pollen dispersal
	9:15	Jasper Juchem	Belgium	WG4 - The use of fractional order impedance model to characterize pain
	9:30	Aslihan Kartci	Czech Republic	WG3 - Fractional-Order Modelling of Distributed Parameter Systems: An Application and Developed GUI
	9:45	Costas Vastarouchas	Greece	WG3 - Fractional-Order Integrated Circuit Designs in Biomedicine and Biology
	10:00	Costas Psychalinos	Greece	WG3 - Realization of CMOS Controllers Using Fractional-Order Integrators & Differentiators
	10:15	Niranjan Saikumar	The Netherlands	WG4 - Loopshaping toolbox for fractional order controller design
	10:30	Mehned Rustemovic	Bosnia and Herzegovina	WG3 - Digital fractional order differentiator and integrator
Coffe break	10:45-11:15			
Session IV: Applications II		Chair: Pilar Calvo		
	11:15	Hector Herrero	Local-Tecnalia	Company - research center
	11:30	KarmeLe Lz de Ipiña	Spain	WG4 - Utilization of fractional-order systems in engineering and biomedical research areas
	11:45	Saponaro Fabricio	Italy	WG4 - Fractional-Order Modeling of Fuel Propagation in Electro-injectors Pipes
	12:00	Pablo Martinez Santoja	Local-Stago	Company
	12:15	Gorka Artola	Local-OTRI	EHU-Technology and companies
Lunch on your own	13:00-14:00			
Visit to BIC Center	14:00-17:00	Esther Paguey Fernández	BIC Center	
Closing	17:00			