EXTMOS Erice School programme

Monday 1 Oct arrivals

Tuesday 2 Oct

9.15-9.30		C. Zannoni, UNIBO, ISLC	Welcome
9.30-10.20	L1	A. Walker,	100% Organic: Understanding Organic Electronics from
		U. Bath	Molecules to Devices
10.20-11.10	L2	W. Wenzel,	Multiscale Modelling of Nanoscale Materials and
		KIT	Electronic Transport
11.10-11.30	СВ		Coffee Break
11.30-12.20	L3	F. Ortmann,	Ab Initio-Based Approach to the Density of States of
		T. U. Dresden	Doped Organic Semiconductors
12.20-15.00	LB		Lunch Break
15.00-15.50	L4	C. Zannoni, UNIBO	Modelling Morphologies by Molecular Dynamics
15.50-16.40	L5	G. Schweicher,	OFET and Charge Transport in Small Molecule Organic
		U. Cambridge	Semiconductors
16.40-17.00	СВ		Coffee Break
17.00-17.50	L6	J. Gierschner,	Organic Solid State Emitters by Design 1/2
		Madrid IAS	
17.50-18.40	L7	P. Bobbert,	Molecular-Scale Modeling of Charge Transport and
		T. U. Eindhoven	Excitonics in Organic Devices 1/2

Wednesday 3 Oct

Wednesday 3 O	CT		
9.00-9.50	L8	F. Ortmann,	Theoretical Prediction of the Density of States of n-Doped
		T. U. Dresden	Organic Films and Comparison to Experiments
9.50-10.40	L9	I. Duchemin,	Electronic and Optical Properties of Organic Systems with
		CEA Grenoble	Embedded Many-Body Perturbation Theory
10.40-11.00	СВ		Coffee Break
11.00-11.50	L10	O. M. Roscioni, L.	Atomistic and Coarse-Grained Modelling and Simulations
		Querciagrossa, M.	
		Ricci, UNIBO	
11.50-12.40	L11	P. Friederich	Design Principles for Charge Carrier Mobility and
		KIT	Anisotropic Orientation of Organic Semiconductors
12.40-15.00	LB		Lunch Break
15.00-15.50	L12	G.A.H. Wetzelaer,	Injection, Transport, and Recombination of Charges in
		MPG Mainz	Organic-Semiconductor Diodes 1/2
15.50-16.40	L13	T. Deutsch,	Applications of Wavelet-Based Density Functional Theory
		CEA Grenoble	
16.40-17.00	СВ		Coffee Break
17.00-17.50	L14	P. Bobbert,	Molecular-Scale Modeling of Charge Transport and
		T. U. Eindhoven	Excitonics in Organic Devices 2/2
17.50-18.40	L15	A. Smith,	Simulating Organic Semiconductors: the Challenge of
		U. Bath	Amorphous Materials

Thursday 4 Oct

9.00-9.50	L16	I. Thompson,	Modelling Charge Transport in Organic Semiconductors at
		U. Bath	the Mesoscale
9.50-10.40	L17	D. Beljonne,	Charge Transport in Carbon-Based Materials: A
		U. Mons	Microscopic View
10.40-11.00	СВ		Coffee Break
11.00-11.50	L18	Y. Olivier,	Dissecting the Nature of the Relevant Singlet and Triplet
		U. Mons	Excited States in TADF Molecular Materials
11.50-12.20	01	G. Londi,	Efficient Exciton Diffusion in a Donor-Acceptor Conjugated
		U. Mons	Dye for Solar Cells Applications: Theoretical Insights
12.20-14.30	LB		Lunch Break
14.30-19.30	EX		Excursion (Segesta Archeological site)

Friday 5 Oct

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9.00-9.50	L10	B. Yaglioglu,	FlexEnable's Organic Thin Film Transistor Technology and
		FlexEnable	its Applications
9.50-10.40	L20	G.A.H. Wetzelaer,	Injection, Transport, and Recombination of Charges in
		MPG Mainz	Organic-Semiconductor Diodes 2/2
10.40-11.00	СВ		Coffee Break
11.00-11.50	L21	C. Rolin,	Impact of Contact Resistance on the Integration of
		IMEC	Organic Thin Film Transistors
11.50-12.40	L22	T. Neumann,	Performing Multiscale OLED Simulations Using Industry-
		Nanomatch	Ready Software
12.40-15.00	LB		Lunch Break
15.00-16.40	L23	T. Neumann,	Demo (Nanomatch)
	L24	Nanomatch	
16.40-17.00	СВ		Coffee Break
17.00-18.40	PS		EXTMOS technical meeting (only for EXTMOS partners)
20.00-	SD		Social Dinner

Saturday 6 Oct

Saturday 0 Oct			
9.00-9.50	L25	G. Schweicher,	Structure-Property Relationships in Thioenacenes for
		U. Cambridge	Improved Charge Transport
9.50-10.40	L26	A. Fediai,	Doping-Induced Phenomena in Organic Semiconductors:
		KIT	Insights from kMC Simulations
10.40-11.00	СВ		Coffee Break
11.00-11.50	L27	J. Gierschner,	Organic Solid State Emitters by Design 2/2
		Madrid IAS	
11.50-12.40	L28	A. Nejim,	Device Level Design for the Microelectronic Industry
		Silvaco	
12.40-15.00	LB		Lunch Break
15.00-16.40	L29	A. Nejim,	Demo (Silvaco)
	L30	Silvaco	
16.40-17.00	СВ		Coffee Break
17.00-17.50	L31	A. Walker,	Conclusions and Perspectives
		U. Bath	