ICMAB EXCELENCIA SEVERO OCHOA
INSTITUT DE CIÈNCIA DE MATERIALS DE BARCELONA

SEPTEMBER 17-20, 2018
SALA D'ACTES CARLES MIRAVITLLES
ICMAB-CSIC, Bellaterra, Spain

MATENER2018
SEVERO OCHOA SUMMER SCHOOL
ON MATERIALS FOR ENERGY

PROGRAMME

MONDAY 17 SEPT

08:30 – 09:30	***REGISTRATION***		
09:30 – 10:00	**Welcome** *Xavier Obradors (ICMAB)*	CHAIR *Rosa Palacín*	**WELCOME & INTRO DUCTION**
10:00 – 11:00	**General Introduction on Materials for Energy** *Pedro Gómez (ICN2, Barcelona)*		
11:00 – 11:30	COFFEE BREAK		
11:30 - 13:00	**Photovoltaics I (tutorial & inorganic PV materials)** *Antonio Marti (IES-UPM, Madrid)*		
13:00 – 14:30	LUNCH		
14:30 – 16:00	**Photovoltaics II (organic/hybrid PV materials & devices)** *Emilio Palomares (ICIQ, Tarragona)*	CHAIR *Mariano Campoy*	**MATERIALS FOR ENERGY CONVERSION**
16:00 – 16:30	COFFEE BREAK		
16:30 – 18:30	**Hands-on experiments & Lab tours I**		

TUESDAY 18 SEPT

09:00 – 10:30	**Electrochemistry (tutorial)** *John Owen (University of Southampton)*		
10:30 – 11:00	COFFEE BREAK		
11:00 – 12:00	**Batteries I (materials)** *Helena Berg (AB Libergreen, Goteborg)*	CHAIR *Dino Tonti*	**MATERIALS FOR ENERGY STORAGE**
12:00 – 13:00	**Batteries II (materials)** *Patrik Johansson (Chalmers TU, Goteborg)*		
13:00 – 14:30	LUNCH		
14:30 – 16:00	**Supercapacitors (tutorial & materials)** *Andrea Balducci (Friedrich-Schiller Uni, Jena)*		
16:00 – 16:30	COFFEE BREAK	CHAIR *Nieves Casañ*	
16:30 – 18:30	**Science Dating** *Anna May and Ana M. López-Periago*		

WEDNESDAY 19 SEPT

09:00 – 10:30	**Superconductivity I (tutorial)** *Marina Putti (University of Genova)*		
10:30 – 11:00	COFFEE BREAK		
11:00 – 12:30	**Superconductivity II (materials)** *Pascal Tixador (Institut NEEL, Grenoble)*	CHAIR *Anna Palau*	**MATERIALS FOR ENERGY TRANSPORT**
12:30 – 13:30	**Flash presentations (2 min)**		
13:30 – 15:00	LUNCH		
15:00 – 17:00	**Hands-on experiments & Lab tours II**		
17:00 – 19:00	**Poster Session + Refreshments**		

THURSDAY 20 SEPT

09:00 – 10:30	**Thermoelectricity I (tutorial & inorganic TE materials)** *Javier Rodríguez-Viejo (UAB, Barcelona)*	CHAIR: *Alejandro Goñi*	**MATERIALS FOR ENERGY CONVERSION**
10:30 – 11:00	COFFEE BREAK		
11:00 – 12:30	**Thermoelectricity II (fundamentals of organic TE materials & composites)** *Martijn Kemerink (IFM, Linköping)*		
12:30 – 13:30	**Life-Cycle Analysis** *Lucía Serrano (Uni Rey Juan Carlos, Madrid)*	CHAIR: *Alejandro Goñi*	**LIFE-CYCLE ANALYSIS**
13:30 – 15:00	LUNCH		
15:00 – 16:00	**Materials for Energy at ICMAB** *Isabel Alonso, Roberta Verrelli & Teresa Puig (ICMAB)*	CHAIR: *Pep Fontcuberta*	**WRAPPING UP AND AWARDS**
16:00 – 16:30	**Awards (Best Poster Prizes, Best Flash Prizes)**		
16:30 – 16:45	**Closing** *Alejandro Goñi (ICMAB)*		

Coordinator: *Alejandro Goñi*
Organizing Committee: *Maria Isabel Alonso, Mariano Campoy-Quiles, Nieves Casañ, Pep Fontcuberta, Ana M. López-Periago, M. Rosa Palacín, Anna Palau, Dino Tonti*
Support: *José Antonio Gómez, Anna May Masnou, Riccardo Rurali, Montse Salas, & Seminars and Training Committee*

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