

## MICROSYMPOSIA

### **MS1. EXPLORING CRYSTAL GROWTH IN DIFFERENT ENVIRONMENTS: FROM THE CELL TO THE SPACE**

Chairs: Giuseppe Falini (Bologna) and José A. Gavira (Granada)

- Industrial Crystallization
- Biomineralization processes
- Crystallization in non-ambient conditions

### **MS2. CRYSTALLOGRAPHY AT NON-AMBIENT CONDITIONS**

Chairs: Catalin Popescu (ALBA) and

- Crystallography 'under pressure'
- Experiments at very low temperatures
- Crystallography of UV/vis irradiated samples

### **MS3. STRUCTURE AND PROPERTIES OF MATERIALS: FROM NATURAL TO SYNTHETIC COMPOUNDS**

Chairs: Emanuela Schingaro (Bari) and Gotzone Barandika (Bilbao)

- Materials for Catalysis
- Hybrid Materials
- Inorganic Functional Materials
- Crystallography of Natural Products
- Food, Polymers and Soft Matter.

### **MS4. BIOCRYSTALLOGRAPHY AND DRUG DISCOVERY**

Chairs: Lourdes Infantes (Madrid) and Luigi Vitagliano (Naples)

- Structure based Chemical biology
- Complex Protein structures

### **MS5. METAL-ORGANIC FRAMEWORKS AND RELATED MATERIALS**

Chairs: Simona Galli (Como) and Guillermo Mínguez (Valencia)

- Metal-organic framework applications
- Post-synthetic transformations of MOFs
- Hybrid MOFs
- Gas adsorption
- Magnetic MOFs

### **MS6. FRONTIER METHODS IN STRUCTURAL DETERMINATION**

Chairs: Óscar Fabelo (ILL) and Anna Moliterni (Bari)

- Neutrons for structural biology
- Electron diffraction and electron microscopy
- Structure solution from powder diffraction techniques
- Recent advances in software

### **MS7. CRYSTAL CHEMISTRY AND ENGINEERING**

Chairs: Andrea Jenco (Florence) and Berta Gómez-Lor (Madrid)

- Computational chemistry and Crystallography
- Crystal engineering for the design of more efficient drugs and materials
- Supramolecular structures
- Crystallography of weak interactions

Preliminar Schedule

	Tuesday 21 <sup>st</sup> June	Wednesday 22 <sup>nd</sup> June	Thursday 23 <sup>rd</sup> June	Friday 24 <sup>th</sup> June	Saturday 25 <sup>th</sup> June
9.00 – 9.30	Registration	Plenary Lecture	Plenary Lecture	Plenary Lecture	Visit to the AIC Astrophysics Observatory and Las Cañadas del Teide National Park
9.30 – 10.00		MS1	MS4	MS6	
10.00 – 10.30					
10.30 – 11.00					
11.00 – 11.30		Coffee Break	Coffee Break	Coffee Break	
11.30 – 12.00		MS2	MS5	MS7	
12.00 – 12.30					
12.30 – 13.00					
13.00 – 13.30		Lunch	Lunch	Lunch	
13.30 – 15.30		MS3	Poster Session	Round Table II	
15.30 – 16.00					
16.00 – 16.30					
16.30 – 17.00		Coffee Break		Coffee Break	
17.00 – 17.30		Round Table I	General Assemblies	Xavier Solans and other Prizes	
17.30 – 18.00					
18.00 – 18.30	Opening Ceremony				
18.30 – 19.00	MISCA Medal Plenary Lecture	Poster Session	Closing Ceremony		
19.00 – 19.30					
19.30 – 20.00	Welcome Party		Conference Dinner		
20.00 – 20.30					
20.30 – 21.00					
21.00					