

Topics/Symposia

Topic Area A

Functional Materials

- A21 Hard and Soft Magnetic Materials
- A23 Magnetocalorics
- A24 Magnetic Nanostructures and Particles
- A31 Carbon Nanotubes and Graphene
- A32 Beyond Mesoporous Materials
- A41 Biopolymers and Biocomposites
- A42 Functional Polymeric Hybrid Materials
- A53 MEMS, NEMS for Sensorial and Actorial Materials
- A54 Shape Memory Alloys (SMA) – Materials and Devices

Topic Area B

Structural Materials

- B11 Intermetallics
- B12 Nickel-Based Superalloys
- B13 Novel Steels and Steel Matrix Composites
- B14 Magnesium Alloys
- B15 Ultrafine-Grained Materials Processed by Severe Plastic Deformation
- B22 Ceramic Barriers: Filters, Membranes and Thermal Barrier Coatings
- B24 Fracture and Reliability of Ceramics and Hybrid Materials
- B31 Composites Containing Nano-Particles and Nano-Fibres
- B32 Hybrid and Metal-Organic Framework Materials
- B33 Highly Porous Metals and Ceramics
- B41 Bioinspired Materials
- B42 Cultural Heritage Materials
- B45 Self Healing, Self Cleaning Materials

Topic Area C

Processing

- C11 Solidification
- C12 Solid State Transformations
- C13 Metallic Glasses and Related Composites: New Routes for Functional and Strong Materials
- C21 Wetting, Soldering and Brazing
- C22 Diffusion Bonding and Characterization
- C31 Powder Synthesis and Processing
- C32 Powder Processing to Controlled Microstructure and Near-Net Complex Shape
- C41 Thin Film Coatings
- C42 Advances in Surface Treatments of Light Alloys
- C51 Sustainable Processes in Ionic Liquids and Molten Salts for Materials
- C52 Sustainable High Temperature Metallurgical Processes and Engineering Materials Recycling Techniques
- C54 Additive Manufacturing with Advanced Materials

Topic Area D

Characterization and Modelling

- D11 Novel Diffraction and Scattering Techniques for Materials Characterization
- D12 Tomographic 3D Imaging with Hard X-rays and Neutrons
- D13 Nanotomographic Techniques and 3D Material Microstructures
- D21 Macro/Meso-Mechanical Characterization of Materials and Microstructural Effects
- D22 Mechanical Characterization of Small-Scale Structures and Advanced Nanostructured Materials
- D31 Ab-initio Based Modelling, Designing New Materials with Electronic Structure Calculations
- D32 Modelling of Materials Properties at the Nano and Microscales
- D33 Multiscale Modelling of Materials
- D34 Thermodynamics and Phase Equilibria; Modelling of Phase Diagrams

Topic Area E

Energy and Related Applications

- E11 Materials for Nuclear Applications
- E13 Materials for Thermal Management (Heat Sinks Materials)
- E21 Materials for Photovoltaics
- E22 Materials for Energy Storage and Conversion (Fuel Cells, Hydrogen Production, Batteries, etc)
- E23 Thermoelectrics
- E31 Advanced Materials for Transportation

Topic Area F

Healthcare Applications

- F11 Bioactive Coatings and Material-Tissue Interfaces
- F12 Smart and Biomimetic Materials for Biomedical Applications and Tissue Engineering
- F14 Mechanical Characterization and Modeling of Tissues and Biomedical Materials at all Length Scales

Topic Area G

Education

- G11 Material Science and Engineering Education for the 2020s

Topic Area X

Miscellaneous

- X12 Miscellaneous

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	Monday Sept 12th				Tuesday Sept 13th			Wednesday Sept 14th				Thursday Sept 15th			
	am2	pm1	pm2	poster1	am2	pm1	pm2	am2	pm1	pm2	poster2	am2	pm1	pm2	
A21							A21 - 1	A21 - 2	A21 - 3	A21 - 4	A21 - P	A21 - 5	A21 - 6	A21 - 7	
A23						A23 - 1	A23 - 2	A23 - 3	A23 - 4		A23 - P				
A24						A24 - 1	A24 - 2	A24 - 3	A24 - 4	A24 - 5	A24 - P	A24 - 6	A24 - 7	A24 - 8	
A31								A31 - 1	A31 - 2	A31 - 3	A31 - P	A31 - 4	A31 - 5	A31 - 6	
A32							A32 - 1	A32 - 2	A32 - 3	A32 - 4	A32 - P	A32 - 5	A32 - 6	A32 - 7	
A41							A41 - 1	A41 - 2	A41 - 3		A41 - P				
A42							A42 - 1	A42 - 2	A42 - 3	A42 - P		A42 - 4	A42 - 5	A42 - 6	
A53										A53 - 1	A53 - P	A53 - 2	A53 - 3	A53 - 4	
A54							A54 - 1	A54 - 2	A54 - 3	A54 - P		A54 - 4	A54 - 5	A54 - 6	
B11	B11 - 1	B11 - 2	B11 - 3	B11 - P	B11 - 4	B11 - 5									
B12	B12 - 1	B12 - 2	B12 - 3	B12 - P	B12 - 4	B12 - 5									
B13	B13 - 1	B13 - 2	B13 - 3	B13 - P	B13 - 4	B13 - 5									
B14				B14 - P		B14 - 1	B14 - 2	B14 - 3	B14 - 4						
B15	B15 - 1	B15 - 2	B15 - 3	B15 - P	B15 - 4										
B22											B22 - P	B22 - 1	B22 - 2	B22 - 3	
B24										B24 - 1	B24 - P	B24 - 2	B24 - 3	B24 - 4	
B31	B31 - 1	B31 - 2	B31 - 3	B31 - P	B31 - 4	B31 - 5									
B32	B32 - 1	B32 - 2	B32 - 3	B32 - P	B32 - 4	B32 - 5									
B33							B33 - 1	B33 - 2	B33 - 3	B33 - 4	B33 - P				
B41			B41 - 1	B41 - P	B41 - 2	B41 - 3									
B42							B42 - 1	B42 - 2			B42 - P				
B45	B45 - 1	B45 - 2	B45 - 3	B45 - P											
C11							C11 - 1	C11 - 2	C11 - 3	C11 - 4	C11 - P	C11 - 5	C11 - 6	C11 - 7	
C12							C12 - 1	C12 - 2	C12 - 3	C12 - P	C12 - P	C12 - 5	C12 - 6	C12 - 7	
C13	C13 - 1	C13 - 2	C13 - 3	C13 - P	C13 - 4	C13 - 5									
C21							C21 - 1	C21 - 2	C21 - 3		C21 - P				
C22										C22 - 1	C22 - P	C22 - 2	C22 - 3		
C31	C31 - 1	C31 - 2	C31 - 3	C31 - P	C31 - 4										
C32						C32 - 1	C32 - 2	C32 - 3	C32 - 4		C32 - P				
C41							C41 - 1	C41 - 2	C41 - 3	C41 - P	C41 - P	C41 - 4	C41 - 5	C41 - 6	
C42										C42 - P	C42 - P	C42 - 1	C42 - 2	C42 - 3	
C51	C51 - 1	C51 - 2	C51 - 3	C51 - P											
C52	C52 - 1	C52 - 2	C52 - 3	C52 - 4	C52 - 4										
C54								C54 - 1	C54 - 2	C54 - P					
D11										D11 - 1	D11 - P	D11 - 2	D11 - 3	D11 - 4	
D12						D12 - 1	D12 - 2	D12 - 3	D12 - 4	D12 - 5	D12 - P				
D13					D13 - 1	D13 - 2	D13 - 3	D13 - 4	D13 - 5		D13 - P				
D21	D21 - 1	D21 - 2	D21 - 3	D21 - P	D21 - 4	D21 - 5	D21 - 6								
D22	D22 - 1	D22 - 2	D22 - 3	D22 - P	D22 - 4	D22 - 5	D22 - 6								
D31	D31 - 1	D31 - 2	D31 - 3	D31 - P	D31 - 4										
D32	D32 - 1	D32 - 2	D32 - 3	D32 - P	D32 - 4	D32 - 5									
D33	D33 - 1	D33 - 2	D33 - 3	D33 - P	D33 - 4										
D34										D34 - 1	D34 - 2	D34 - P	D34 - 3	D34 - 4	D34 - 5
E11	E11 - 1	E11 - 2	E11 - 3	E11 - P	E11 - 4	E11 - 5	E11 - 6								
E13										E13 - P	E13 - P	E13 - 1	E13 - 2		
E21	E21 - 1	E21 - 2	E21 - 3	E21 - P											
E22	E22 - 1	E22 - 2	E22 - 3	E22 - P	E22 - 4	E22 - 5	E22 - 6								
E23				E23 - P	E23 - 1	E23 - 2	E23 - 3								
E31				E31 - P	E31 - 1	E31 - 2	E31 - 3	E31 - 4							
F11										F11 - 1	F11 - P	F11 - 2	F11 - 3	F11 - 4	
F12										F12 - 1	F12 - P	F12 - 2	F12 - 3	F12 - 4	
F14										F14 - 1	F14 - P	F14 - 2	F14 - 3	F14 - 4	
G11							G11 - 1	G11 - 2			G11 - P				
X12				X12 - P1							X12 - P2				

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Symposia/Rooms/Day

	Monday Sept 12th			Tuesday Sept 13th			Wednesday Sept 14th			Thursday Sept 15th		
Conference room ↓	am2	pm1	Pm2	am2	pm1	Pm2	am2	pm1	Pm2	am2	pm1	Pm2
Pasteur	C31 - 1	C31 - 2	C31 - 3	C31 - 4	A24 - 1	A24 - 2	A24 - 3	A24 - 4	A24 - 5	A24 - 6	A24 - 7	A24 - 8
Einstein	B11 - 1	B11 - 2	B11 - 3	B11 - 4	B11 - 5	C11 - 1	C11 - 2	C11 - 3	C11 - 4	C11 - 5	C11 - 6	C11 - 7
Antigone 1	B31 - 1	B31 - 2	B31 - 3	B31 - 4	B31 - 5	A21 - 1	A21 - 2	A21 - 3	A21 - 4	A21 - 5	A21 - 6	A21 - 7
Antigone 3	E22 - 1	E22 - 2	E22 - 3	E22 - 4	E22 - 5	E22 - 6	C41 - 1	C41 - 2	C41 - 3	C41 - 4	C41 - 5	C41 - 6
Joffre 1	B32 - 1	B32 - 2	B32 - 3	B32 - 4	B32 - 5	A32 - 1	A32 - 2	A32 - 3	A32 - 4	A32 - 5	A32 - 6	A32 - 7
Rondelet	D22 - 1	D22 - 2	D22 - 3	D22 - 4	D22 - 5	D22 - 6	A42 - 1	A42 - 2	A42 - 3	A42 - 4	A42 - 5	A42 - 6
Sully 2	C13 - 1	C13 - 2	C13 - 3	C13 - 4	C13 - 5	C12 - 1	C12 - 2	C12 - 3	C12 - 3	C12 - 5	C12 - 6	C12 - 7
Sully 1	D21 - 1	D21 - 2	D21 - 3	D21 - 4	D21 - 5	D21 - 6	A31 - 1	A31 - 2	A31 - 3	A31 - 4	A31 - 5	A31 - 6
Sully 3	E11 - 1	E11 - 2	E11 - 3	E11 - 4	E11 - 5	E11 - 6	A54 - 1	A54 - 2	A54 - 3	A54 - 4	A54 - 5	A54 - 6
Joffre A	B13 - 1	B13 - 2	B13 - 3	B13 - 4	B13 - 5	C21 - 1	C21 - 2	C21 - 3	F12 - 1	F12 - 2	F12 - 3	F12 - 4
Joffre 5	D32 - 1	D32 - 2	D32 - 3	D32 - 4	D32 - 5	G11 - 1	G11 - 2	D34 - 1	D34 - 2	D34 - 3	D34 - 4	D34 - 5
Barthez 1	E21 - 1	E21 - 2	E21 - 3	D13 - 1	D13 - 2	D13 - 3	D13 - 4	D13 - 5	A53 - 1	A53 - 2	A53 - 3	A53 - 4
Louisville	B12 - 1	B12 - 2	B12 - 3	B12 - 4	B12 - 5	B33 - 1	B33 - 2	B33 - 3	B33 - 4	B22 - 1	B22 - 2	B22 - 3
Barthez 2	B15 - 1	B15 - 2	B15 - 3	B15 - 4	D12 - 1	D12 - 2	D12 - 3	D12 - 4	D12 - 5	C42 - 1	C42 - 2	C42 - 3
Joffre 4	C51 - 1	C51 - 2	C51 - 3	E31 - 1	E31 - 2	E31 - 3	E31 - 4	B42 - 2	B24 - 1	B24 - 2	B24 - 3	B24 - 4
Joffre B	D31 - 1	D31 - 2	D31 - 3	D31 - 4	A23 - 1	A23 - 2	A23 - 3	A23 - 4	F11 - 1	F11 - 2	F11 - 3	F11 - 4
Joffre C	C52 - 1	C52 - 2	C52 - 3	C52 - 4	B14 - 1	B14 - 2	B14 - 3	B14 - 4	D11 - 1	D11 - 2	D11 - 3	D11 - 4
Joffre D	D33 - 1	D33 - 2	D33 - 3	D33 - 4	C32 - 1	C32 - 2	C32 - 3	C32 - 4	C22 - 1	C22 - 2	C22 - 3	
Barcelone			B41 - 1	B41 - 2	B41 - 3	A41 - 1	A41 - 2	A41 - 3	F14 - 1	F14 - 2	F14 - 3	F14 - 4
Sully 3bis	B45 - 1	B45 - 2	B45 - 3	E23 - 1	E23 - 2	E23 - 3	B42 - 1	C54 - 1	C54 - 2	E13 - 1	E13 - 2	

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Each day is divided into 4 sessions

am1 08:30 - 10:00 pm1 14:00 - 16:00
 am2 10:30 - 12:30 pm2 16:40 - 18:40

Poster sessions on Monday and Wednesday

19:00 - 21:00

Coding Rules

