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21st World Congress on Materials Science and Engineering

June 22-23, 2020

Rome, Italy



SCIENTIFIC PROGRAM

DAY 1
Monday, 22nd June

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Materials Science and Engineering	**Talks On:** Metals, Mining, Metallurgy and Materials
Computational materials science	Metal forming
Emerging materials and applications	Powder metallurgy
Carbon nano structures and devices	Hydrometallurgy
Engineering applications of materials	Non-destructive testing
	Corrosion and protection
Talks On: Materials for Energy Applications	**Talks On:** Emerging Smart Materials
Advanced Polymer Photochemistry	Piezoelectric materials Sensing and actuation
Advances on Biofuels	Energy storage device

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Nanomaterials and Nanotechnology	**Talks On:** Graphene and 2D Materials
Medical nanotechnology	2D materials beyond Graphene
Cancer nanotechnology	Benefits of 2D Materials
	2D Topological Materials
	Chemical functionalization of Graphene

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Materials Science and Engineering	Workshop

DAY 2
Tuesday, 23rd June

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50	MEETING HALL 01	MEETING HALL 02
	Talks On: Electronic, Optical and Magnetic Materials	**Talks On:** Polymer Science and Technology
	Semiconductor materials	Process modelling and simulation
	Dielectric materials	Polymeric catalysts
	Optical devices	Fiber, films and membranes
	Spintronics	Rheology and rheometry
		Polymer blends and alloys
		Neat polymeric materials

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	Talks On: Biomaterials and Medical Devices	**Talks On:** Ceramics and Composite Materials
	Biomedical devices	Ceramic coatings
	3D printing of organs and tissue	Glass science and technologies
	Talks On: Physics and Chemistry of Materials	**Talks On:** Mechanics, Characterization Techniques and Equipments
	Corrosion prevention	Advanced modelling techniques
	Catalysis chemistry	Micro and macro materials characterisation
	Atomic structures and defects in materials	Atomic force microscopy
	Dislocations and strengthening mechanisms	Failure of quasi-brittle materials
	Atomic structure and interatomic bonding	X-ray diffraction
		Mechanics of materials

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

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Rome Attractions



Glimpses of Materials Science and Engineering















