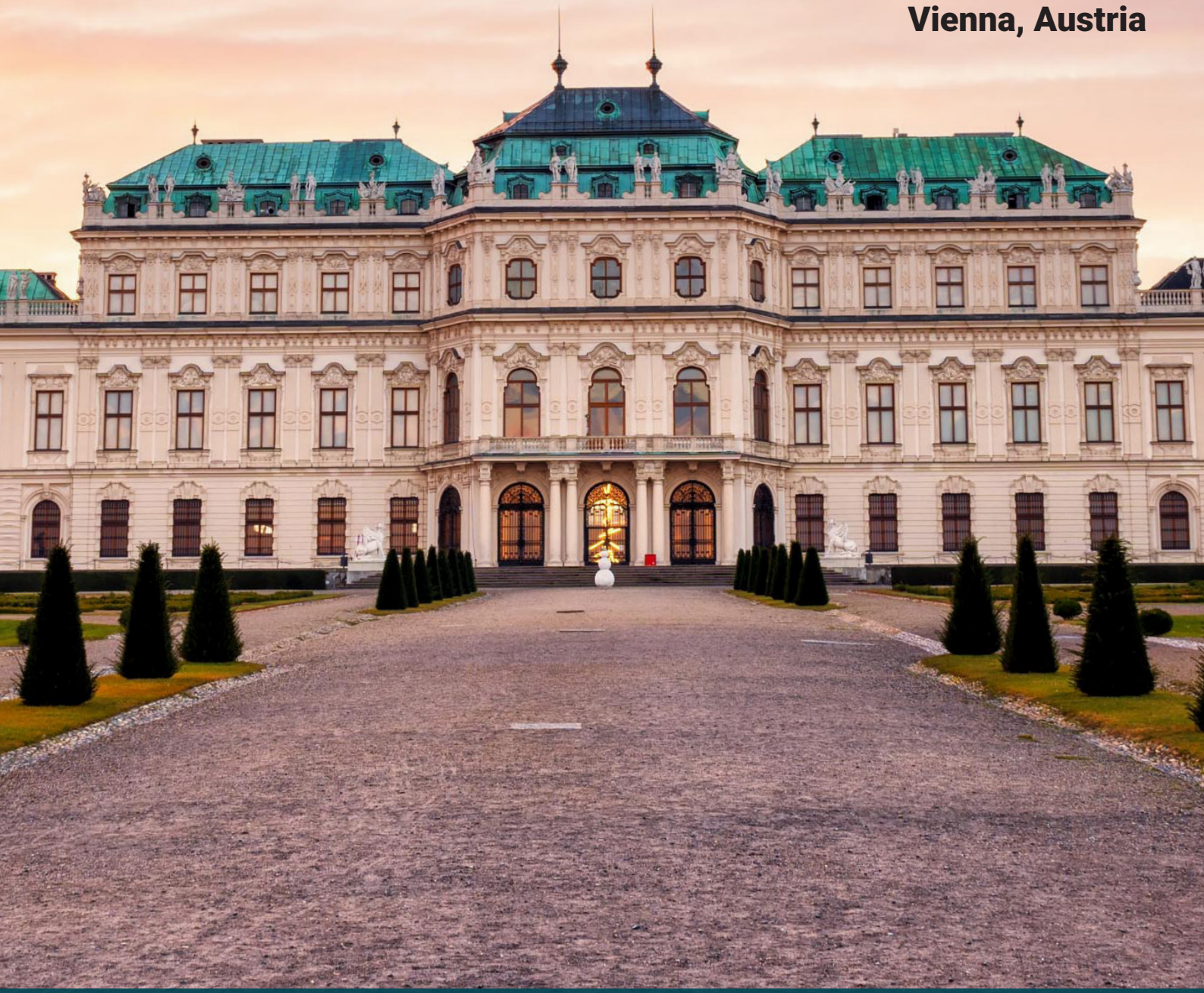
conferenceseries.com

20th World Congress on Materials Science and Engineering

June 24-26, 2019
Vienna, Austria



SCIENTIFIC PROGRAM

DAY 1
Monday, 24th 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

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, 25th 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

15:55-16:15 COFFEE BREAK

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

DAY 3
Wednesday, 26th 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: Materials for Energy Applications	**Talks On:** Emerging Smart Materials
	Advanced Polymer Photochemistry	Piezoelectric materials
	Advances on Biofuels	Sensing and actuation
		Energy storage device

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	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)
Young Researchers in Nanomaterials and Nanotechnology	Workshop

Awards & Closing Ceremony

PAST AFFILIATES

PAST AFFILIATES

Nekane Guarrotxena
Spanish National Research Council, Spain

Karl Ulrich Kainer
Helmholtz-Zentrum Geesthacht, Germany

Xiang Zhang
University of Cambridge, UK

Nick Gerasimchuk
Missouri State University, USA

Geoffrey Mitchell
CDRSP-IPLeiria, Portugal

Saba Abdulghani Oliveira da Silva
CDRSP-IPLeiria, Portugal

Aman Ullah
University of Alberta, Canada

Dmitry Volodkin
Nottingham Trent University, United Kingdom

Nuno Alves
CDRSP-IPLeiria, Portugal

Simone Borri
Istituto Nazionale di Ottica, Italy

Mina Yoon
University of Tennessee, USA

Michael Kaplan
Simmons College, USA

Giti Khodaparast
Virginia Tech, USA

Carlo Sirtori
Universite Paris Diderot, France

Ilkay Demir
Cumhuriyet University, Turkey

Nicolas Reyren
Unité Mixte de Physique, France

Henri Jaffrès
Unité Mixte de Physique, France

Jose Luis Pau
Universidad Autónoma de Madrid, Spain

Hiroyuki Aoki
Japan Atomic Energy Agency, Japan

Nikolay Shadrinov
Institute of Oil and Gas Problems SB RAS, Russia

Azwani Sofia Ahmad Khiar
Universiti Sains Islam, Malaysia

Maryam Alimoradi Jazi
University of Utrecht, Netherlands

Lay Poh Tan
Nanyang Technological University, Singapore

Guy Antou
University of Limoges, France

Cristian Pantilimon
University Politehnica of Bucharest, Romania

PAST AFFILIATES

PAST AFFILIATES

Bakhtawar Ghafoor
National University of Sciences and Technology, Pakistan

Hafsa Inam
National University of Sciences and Technology, Pakistan

Mariam Mir
National University of Sciences and Technology, Pakistan

Arnaud Caron
KoreaTech, Republic of Korea

Nobufumi Ueshima
Tohoku University, Japan

Floricica Barvinschi
Politehnica University Timisoara, Romania

Alberto Monsalve
Universidad de Santiago de Chile, Chile

Felix Gunkel
RWTH Aachen University, Germany

Lev Rapoport
Holon Institute of Technology, Israel

Luis Manuel Angelats Silva
Universidad Antenor Orrego, Peru

Sezai Elagoz
Cumhuriyet University, Turkey

Hajo Dieringa
Helmholtz-Zentrum Geesthacht, Germany

Sergiu Cojocaru
NIPNE, Romania

Jaspreet Kaur Randhawa
Indian Institute of Technology Mandi, India

Valerio Flavio Gili
Paris Diderot University, France

Golibjon R. Berdiyorov
Hamad bin Khalifa University, Qatar

Gennady N Panin
IMT RAS, Russia

Raquel Lizárraga
Royal Institute of Technology, Sweden

Vienna Attractions



Glimpses of Materials Science and Engineering















