

**15+**

Interactive  
Sessions

**10+**

Keynote  
Lectures

**40+**

Scientific  
Sessions

**3+**

Workshops

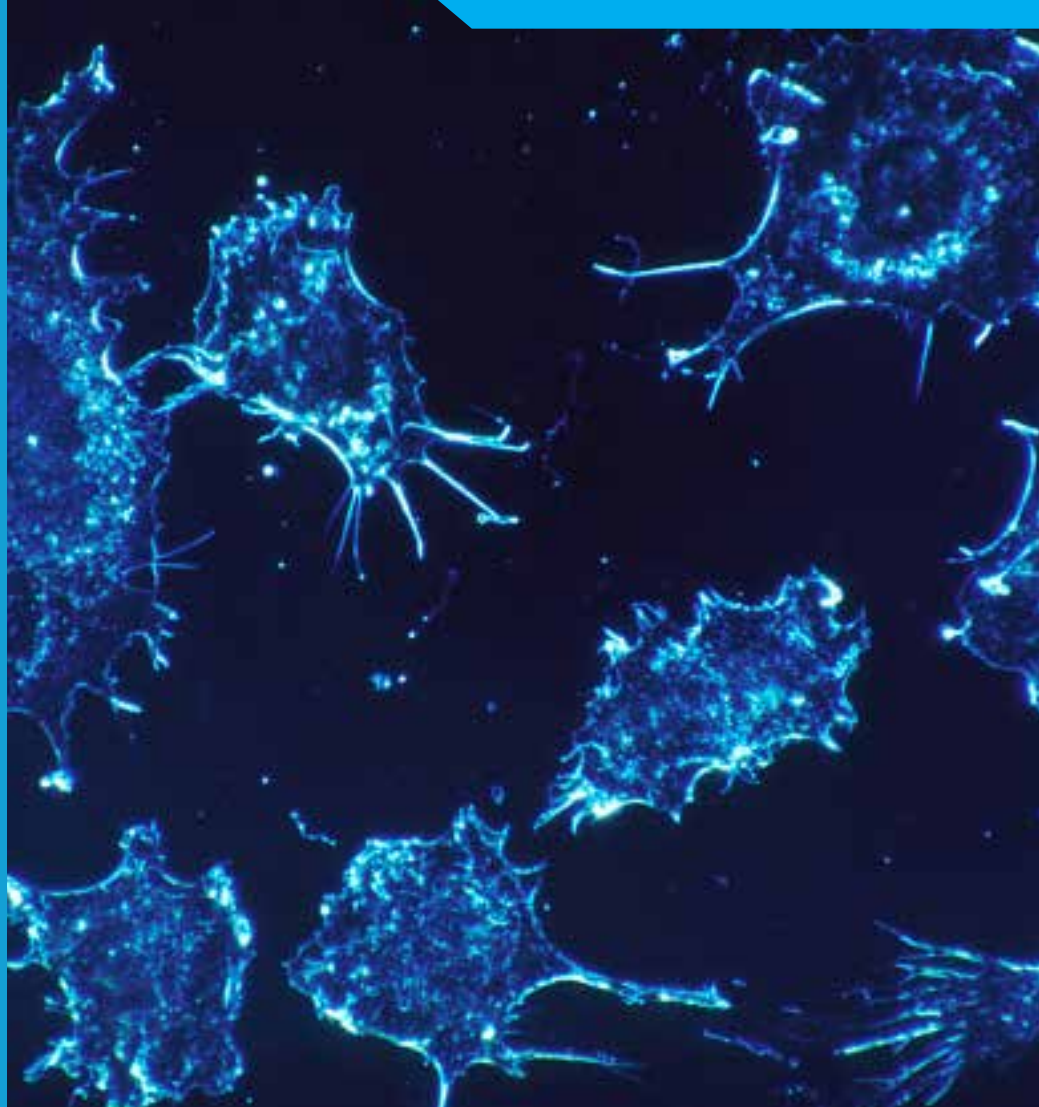
**30+**

Posters

**B2B**

Meetings

CRYSTALLOGRAPHY CONGRESS 2018



4<sup>th</sup> International Conference on

# CRYSTALLOGRAPHY & NOVEL MATERIALS



November 19-20, 2018



Bucharest, Romania

“Using Novel Materials exploring different Crystallography Techniques”



Email: [crystallographycongress2018@rediffmail.com](mailto:crystallographycongress2018@rediffmail.com) | [crystallographycongress2018@gmail.com](mailto:crystallographycongress2018@gmail.com)

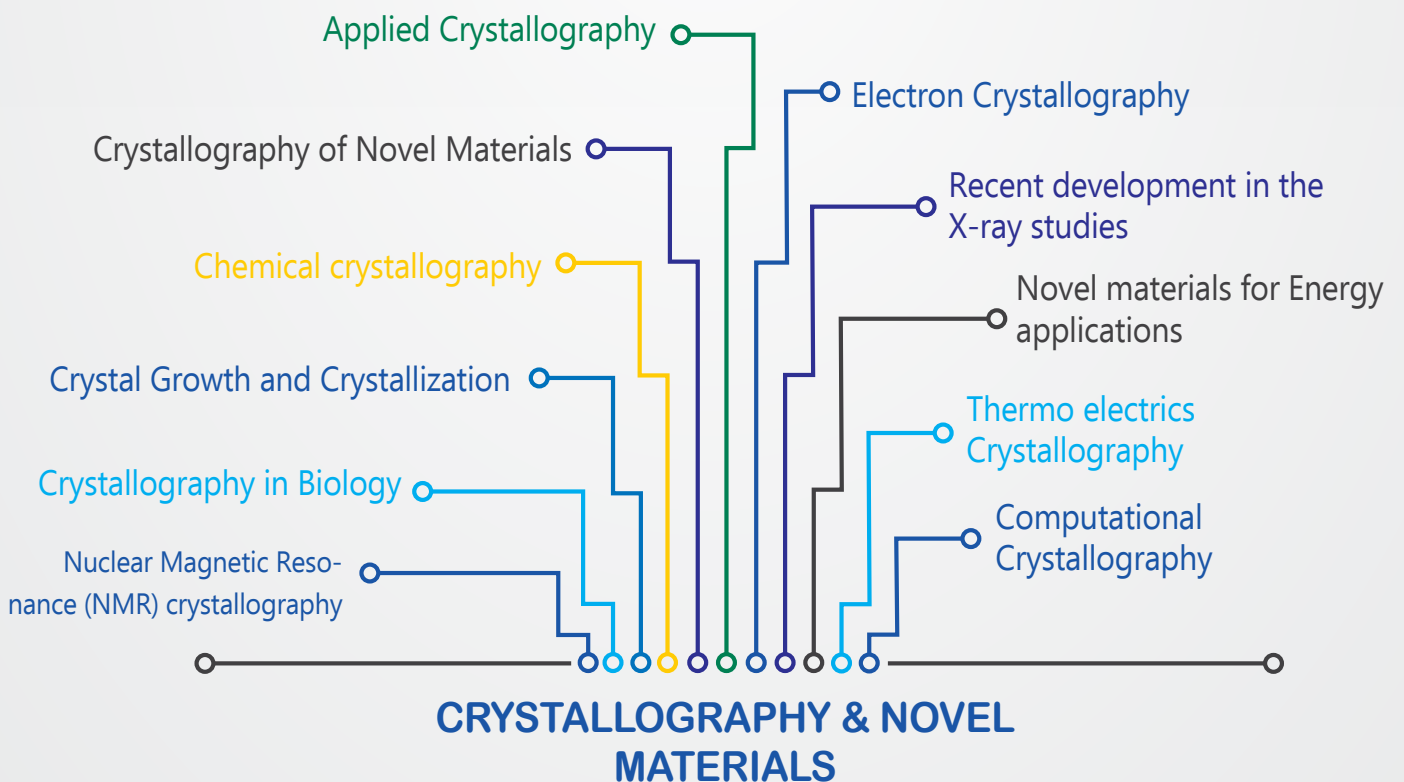
Website: <https://crystallography.materialsconferences.com/>



**Panel Discussions  
&  
B2B Meetings**



## What's in store for 2018?



## Editorial Board Members

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Selected contributions will be published in following Conference Series LLC Journals Supported By

- Journal of Material Sciences & Engineering
- Structural Chemistry & Crystallography Communication



Hall

09:30-10:00 **Opening Ceremony**

**Keynote Forum**

**Introduction**

**10:00-10:45** Title: **Metal-silicon contact formation and role of the nanophase wetting layer**  
**Nikolay PLUSNIN**, Institute of Automation and Control Processes of FEB RAS, Russia

**10:45-11:30** Title: **Particularities of the crystalline structures - a critical issue in designing materials for targeted application**  
**Lucian Baia**, Babes-Bolyai University, Romania

Networking and Refreshments Break 11:30-11:45

**11:45-12:30** Title: **How to Transfer Biocomposite Technolgy from Research to Industry using Innovation Engineering?**  
**Nadir Yildirim**, Bursa Technical University, Turkey

**12:30-13:15** Title: **From DDT to Emerging Eco-Technologies; the Long Journey to the 'Second Green Revolution' and the 'First Green Economy'**  
**Nimrod Israely**, Biofeed Environmentally Friendly Pest Control , Israel

Lunch Break 13:15-14:05

Scientific Sessions: Crystallography in Material Science | Role of polymers in Biological Systems | Novel materials for Energy applications | Chemical crystallography

**14:05-14:35** Title: **Mechanical properties of heat treated 3D printed semi-crystalline PEEK material**  
**Uwe Popp**, Apium Additive Technologies GmbH, Germany

**14:35-15:05** Title: **Enhanced T1 MRI Contrast and Fluorescence Stability within a Plasmonic Core-Shell Nanoparticle**  
**Oara Neumann**, Rice Unicversity Applied Physics, USA

**15:05-15:35** Title: **Cardiac valve replacement using naturally derived scaffolds (VALVE-REGEN)**  
**Dan Simionescu**, Clemson University, USA

Networking and Refreshments Break 15:35-15:50

**15:50-16:20** Title: **Synthesis, Structural Analysis and DNA Interaction of Bis[4'-(4-methylphenyl)-2,2':6',2''-terpyridine]Co(III)(NO<sub>3</sub>)<sub>3</sub>.2H<sub>2</sub>O Complex**  
**Ramin Zibaseresht**, Maritime University of Imam Khomeini, Iran

**16:20-16:50** Title: **Microstructural Evolution of nanocrystalline Tungsten-25% Rhenium-Hafnium carbide composite synthesized by Spark Plasma Sintering technique for FSW tool application**  
**Zafar Iqbal**, Pakistan Institute of Engineering and Applied Sciences (PIEAS) , Pakistan

**16:50-17:20** Title: **Composite Nanostructures for VIS-active photocatalysts**  
**Anca DUTA**, Transilvania University of Brasov, Romania

**17:20-17:50** Title: **Study of Structural and Electrical properties of Cd<sup>+2</sup> DOPED MN-ZN Ferrites Synthesized by Co-Precepitation Method**  
**Muhammad I. Arshada**, G.C. University Faisalabad, Pakistan

**Day 2 November 20, 2018**

**Hall**

**Keynote Forum**

**10:00-10:45** Title: **Synthesis, Structural Analysis and Antibacterial Effect of a Novel Heteronuclear Ag(I)-Fe(II) Coordination Polymer**

**Ramin Zibaseresht**, Maritime University of Imam Khomeini, Iran

**10:45-11:30** Title: **Advanced materials to make easier protein crystallization**

**Benny Danilo Belviso**, Institute of Crystallography (CNR), Italy

Networking & Refreshments 11:30-11:45

**11:45-12:30** Title: **The best of times – How sustainability commitments by global corporations are fueling development and commercialization of bioplastics**

**Sandeep Kulkarni**, Koolearth Solutions Ltd., USA

Scientific Sessions: Crystallography of Novel Materials | Chemical crystallography | Role of polymers in Biological Systems | Recent development in the X-ray studies | Biodegradable polymers

**12:30-13:00** Title: **Conjoint AES - EELS Analysis of the subnanometric coatings**

**Nikolay PLUSNIN**, Institute of Automation and Control Processes of FEB RAS, Russia

Networking and Lunch Break 13:00-13:50

**13:50-14:20** Title: **Synthesis, Structural Analysis and DNA Interaction of Bis[4'-(4-methylphenyl)-2,2':6',2''-terpyridine] Co(III)(NO<sub>3</sub>)<sub>3</sub>·2H<sub>2</sub>O Complex**

**Ramin Zibaseresht**, Maritime University of Imam Khomeini, Iran

**14:20-14:50** Title: **Collagen and elastin-based scaffolds for cardiovascular tissue engineering in diabetes (THERAVALDIS)**

**Agneta Simionescu**, Clemson University, SC, USA

**14:50-15:20** Title: **Structure of Viruses from Scattering of Radiation from X-Ray Free-Electron Laser (XFEL)**

**Dilano K Saldin**, University of Wisconsin-Milwaukee, USA

**15:20-15:50** Title: **Structural Properties and Topological diversity of new ORGANOTIN(IV) Coordination Compounds**

**Delia-Laura Popescu**, University of Bucharest, Romania

Networking and Refreshments Break 15:50-16:05

**16:05-16:35** Title: **Synthesis, crystal structures, computational studies and antimicrobial activity of new designed bis((5-aryl-1,3,4-oxadiazol-2-yl)thio)alkanes**

**Muhammad Naeem Ahmed**, University of Azad Jammu and Kashmir Muzaffarabad, Pakistan

**16:35-17:05** Title: **Semi-Refined Carrageenan-Based Film for Food Packaging Purposes**

**Bakti B. Sedayu**, Victoria University, Australia

**Panel Discussion**

**Awards & Closing Ceremony**

Note: Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change.



# *Registration Details*

<b>Academic</b>			
	<i>On/Before September 24, 2018</i>	<i>On/Before October 15, 2018</i>	<i>Final Call November 19, 2018</i>
<b>Only Registration</b>	\$549	\$649	\$749
<b>Package-A</b>	\$849	\$949	\$1049
<b>Package- B</b>	\$999	\$1099	\$1199

<b>Business</b>			
	<i>On/Before September 24, 2018</i>	<i>On/Before October 15, 2018</i>	<i>Final Call November 19, 2018</i>
<b>Only Registration</b>	\$649	\$749	\$849
<b>Package-A</b>	\$949	\$1049	\$1149
<b>Package- B</b>	\$1099	\$1199	\$1299

<b>Student</b>			
	<i>On/Before September 24, 2018</i>	<i>On/Before October 15, 2018</i>	<i>Final Call November 19, 2018</i>
<b>Student Delegate</b>	\$249	\$349	\$449
<b>Young Researcher Forum</b>	\$349	\$449	\$499

Venue & Accommodation  
**Bucharest,  
Romania**





Romania is located in the south eastern region of European country and is known for the forested region of Transylvania, also ringed by the Carpathian Mountains. Romania's preserved medieval town include Sighișoara, and there are fortified churches and castles, mostly cliff-top Bran Castle and long associated with the Dracula legend. Bucharest is the capital of Romania, where megalomaniac monuments, including "House of the People" (now called as the Palace of Parliament), was built during the Ceaușescu's regime.

This country is one of the most religious countries in Europe, and the most Orthodox church is omnipresent. We must Romania to visit some churches and monasteries for their beauty and history. We can note that while mass is open to all and visitors are most certainly all are welcomed; communion the Eucharist is normally reserved for the baptized Orthodox.

## Important Dates

Abstract Submission Opens: **January 03, 2018**

Registration Opens: **February 15, 2018**

Early Bird Registration: **August 13, 2018**

On Spot Registration: **November 19, 2018**

### MAIL US TO KNOW MORE!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

#### For Queries

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