

## Preface

The conference **6<sup>th</sup> International Conference on Materials Science and Technologies – RoMat 2016, November 9-12, 2016, Bucharest (Romania)** continue the tradition of successful conferences organized every two years by the Faculty Materials Science and Engineering from University Politehnica of Bucharest with the support of national and international scientific community on materials science and engineering.

RoMAT 2016 was an opportunity for the worldwide materials science and engineering community to share their recent achievements and to provide a forum for academic scientists and industrial researchers to meet and exchange valuable experiences.

The participants have the opportunity to follow the latest technological developments and related academic research as well as novel designs and products that will be presented by the companies.

# Committees

## Steering Committee

### **RIPOSAN Iulian**

Honorary Conference President  
University Politehnica of Bucharest, Romania

### **ANTONIA Iulian**

Conference President  
University Politehnica of  
Bucharest, Romania

### **PETRESCU Mircea Ionut**

University Politehnica of  
Bucharest, Romania

### **BRANZEI Mihai**

University Politehnica of  
Bucharest, Romania

### **STEFANOIU Radu**

University Politehnica of  
Bucharest, Romania

### **SOHACIU Mirela**

University Politehnica of  
Bucharest, Romania

### **CINCA Ion**

University Politehnica of  
Bucharest, Romania

## International Scientific Committee

### **ABRUDEANU Marioara**

University of Pitesti,  
Romania

### **BOAZ Pokroy**

Technion–Israel Institute of  
Technology, Israel

### **COTRUT Cosmin**

University Politehnica of  
Bucharest, Romania

### **GHIBAN Brandusa**

University Politehnica of  
Bucharest, Romania

### **MICULESCU Florin**

University Politehnica of  
Bucharest, Romania

### **PALMERO Paola**

Politecnico di Torino, Italy

### **POLIFRONI Massimo**

University of Torino, Italy

### **RIPOSAN Iulian**

University Politehnica of  
Bucharest, Romania

### **SCHAFER Rudolf**

Technical University  
Dresden, Germany

### **VIDU Ruxandra**

University of California,  
Davis, USA

### **AGATHOPOULOS Simeon**

University of Ioannina,  
Greece

### **BRANZEI Mihai**

University Politehnica of  
Bucharest, Romania

### **FENINECHE Nouredine**

Université de Technologie de  
Belfort-Montbéliard, France

### **GÖLLER Gültekin**

İstanbul Technical  
University, Turkey

### **NICOARA Mircea**

Politehnica University of  
Timisoara, Romania

### **PETRESCU Mircea Ionut**

University Politehnica of  
Bucharest, Romania

### **PREDESCU Cristian**

University Politehnica of  
Bucharest, Romania

### **RELLINGHAUS Bernd**

Leibniz Institute for Solid  
State and Materials Research  
Dresden, Germany

### **TABATA Yasuhiko**

Institute for Frontier Medical  
Sciences, Kyoto University,  
Japan

### **VIZUREANU Petrica**

Technical University  
“G.Asachi” Iasi, Romania

### **ANTONIA Iulian**

University Politehnica of  
Bucharest, Romania

### **BRATU Vasile**

University Valahia  
Targoviste, Romania

### **GEANTA Victor**

University Politehnica of  
Bucharest, Romania

### **ION Rodica-Mariana**

University Valahia  
Targoviste, Romania

### **NICULESCU Marius**

“Titu Maiorescu” University,  
Bucharest, Romania

### **PICONI Corrado**

Catholic University of the  
Sacred Heart in Rome, Italy

### **RAU Julietta**

ISM-CNR, Rome, Italy

### **RUSTICHELLI Franco**

Università Politecnica delle  
Marche, Ancona, Italy

### **TAMPIERI Anna**

Institute of Science and  
Technology for Ceramics,  
Italy

### **YÜCEL Onuralp**

İstanbul Technical  
University, Turkey

## **Organizing Committee**

**ANTONIA** **Iulian**

University Politehnica of  
Bucharest, Romania

**CIUCA** **Sorin**

University Politehnica of  
Bucharest, Romania

**GHICA** **Valeriu**

University Politehnica of  
Bucharest, Romania

**SEMENESCU** **Augustin**

University Politehnica of  
Bucharest, Romania

**BRANZEI** **Mihai**

University Politehnica of  
Bucharest, Romania

**CSAKI** **Ioana**

University Politehnica of  
Bucharest, Romania

**IACOB** **Gica**

University Politehnica of  
Bucharest, Romania

**SOHACIU** **Mirela**

University Politehnica of  
Bucharest, Romania

**CINCA** **Ion**

University Politehnica of  
Bucharest, Romania

**GHEORGHE** **Dan**

University Politehnica of  
Bucharest, Romania

**PETRESCU** **Mircea Ionut**

University Politehnica of  
Bucharest, Romania

**STEFANOIU** **Radu**

University Politehnica of  
Bucharest, Romania

## Sponsors



*tehnologia care vindecă*



Chromktiv