EuroSciCon

# Euro Condensed Matter 2019

December 02-03,
Barcelona, Spain



## Condensed Matter Physics

https://condensedmatterphysics.euroscicon.com/

# Day 1, Agenda

## General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

**Networking & Refreshments Break @ Foyer**

| | HALL 01 | HALL 02 | HALL 03 |
|---|---|---|---|
| 11:00 AM | Talks On: **Condensed Matter Physics** | Talks On: **Theoretical Materials Physics and Condensed Matter Theory** | Talks On: **Soft Condensed Matter Physics** |
| | **SESSION DISCUSSION** | **SESSION DISCUSSION** | **SESSION DISCUSSION** |
| 02:00 PM | Talks On: **Experimental Condensed Matter and Materials Physics** | Talks On: **Materials Physics** | Talks On: **Solid State Physics** |
| | Workshop On: **Magnetism and Magnetic Materials** | Workshop On: **Composite Materials** | Workshop On: **Crystallography** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Semiconductor Materials** | Talks On: **Superconductivity** | Talks On: **Bio Physics** |
| 06:00 PM | **NETWORKING** | **NETWORKING** | **NETWORKING** |

# Day 2, Agenda

## General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

**Networking & Refreshments Break @ Foyer**

| | HALL 01 | HALL 02 | HALL 03 |
|---|---|---|---|
| 11:00 AM | Talks On: **Materials Science and Engineering** | Talks On: **Graphene and Fullerenes** | Talks On: **Advanced Materials and Ceramics** |
| 02:00 PM | Talks On: **Quantum Materials and Nuclear Materials** | Talks On: **Magnetism and Magnetic Materials** | Talks On: **Nanomaterials and Nanotechnology** |
| | Workshop On: **Nanotechnology** | Workshop On: **Optoelectronics** | Workshop On: **Ceramics and Metallurgy** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Soft Condensed Matter Physics** | Talks On: **Superconductivity** | Talks On: **Semiconductor Materials** |
| 06:00 PM | Talks On: **Green Materials** | | |
| | **NETWORKING** | **NETWORKING** | **NETWORKING** |

**https://condensedmatterphysics.euroscicon.com/**

# Past Affiliates

**Subhendra Dev Mahanti**
Michigan State University, USA

**Sergei V Aliukov**
South Ural State University, Russia

**Alireza Vafaee**
Iran's National Elites Foundation, Iran

**Sang Yeol Lee**
Cheongju University, Republic of South Korea South Korea

**Golikova T E**
Institute of Solid State Physics - RAS, Russia

**Anatoly Stepanov**
Belorussian State University, Belarus

**Haihan Luo**
Shanghai Institute of Technical Physics CAS China

**Pushan Ayyub**
TIFR, India

**Changhwan Choi**
Hanyang University College of Engineering
South Korea

**Kazuya Masu**
Tokyo Institute of Technology Japan

**Arkaprava Das**
Inter University Accelerator Centre, India

**Dimitris Drikakis**
University of Strathclyde, UK

**Chao-Nan Xu**
National Institute of Advanced Science and Technology, Japan

**Zoran Borjan**
University of Belgrade, Serbia

**Donghun Le**
Korea University, South Korea

**Loik Gence**
Pontifical Catholic University of Chile, Chile

**Samit K Ray**
S N Bose National Centre for Basic Sciences, India

**Golikova T E**
Institute of Solid State Physics - RAS, Russia

**Mohamed EL Hafidi Hassan II**
University of Casablanca, Morocco

**X G Zheng**
Saga University, Japan

**Hala Hashim**
King Abdullah University for Science and Technology, Saudi Arabia

**Victor Baledent**
University of Paris Sud, France

**Yong Zhang**
Xi'an Jiaotong University, China

**Homnath Luitel**
Variable Energy Cyclotron Centre, India

**Edgar Nuñez Rojas**
National Council of Science and Technology – UAM, Mexico

**Chih Ming Lin**
National Tsing Hua University, Taiwan

**Wei Lai**
Michigan State University, USA

# Past Affiliates

**Eleonora Babayants**
Galaxy Consulting, USA

**Kepsutlu Burcu**
Helmholtz-Zentrum Berlin, Germany

**Rajib Paul**
Case Western Reserve University, USA

**Branislav Vlahovic**
North Carolina Central University, USA

**Piotr Kula**
Lodz University of Technology, Poland

**Ping Tang**
Sichuan University, China

**Xudong Huang**
Harvard medical School, USA

**Steven Koester**
University of Minnesota, USA

**Daramola Abiodun**
Olamide
Walter Sisulu University, South Africa

**Dae Joon Kang**
Sunkyunwan University, South Korea

**Daniel Bellet**
University of Grenoble Alpes, France

**Yung Woo Park**
Seoul National University, South Korea

**Istvan Toth**
University of Queensland, Australia

**James C Sung**
Applied Diamond Inc., Taiwan

**Adam Khan**
AKHAN Semiconductors, Inc, USA

**May Alrashed**
King Saud University, UAE

**Mineo Hiramatsu**
Meijo University, Japan

**Zahra Sadeghian**
Research Institute of Petroleum Industry, Iran

**Bonex Wakufwa Mwakikunga**
DST/CSIR National Centre for Nano-Structured Materials, South Africa

**Z Ryan Tian**
Institute of Nanoscience / Engineering, USA

**Pedro Alpium**
International Iberian Nanotechnology Laboratory, Portugal

**Jyh-Ping Chen**
Chang Gung University, Taiwan

**Kartik Ghosh**
Missouri State University, USA

**Yanli Wang**
Shanghai University, China

**Masaki Otagiri**
Sojo University, Japan

**Gilbert Chahine**
The National Centre for Scientific research, France

**Jinlong Liu**
National Natural Science Foundation of China, China

# Past Affiliates

**Pavle Radovanovic**
University of Waterloo, Canada

**Richard Clark**
Morgan Advanced Materials, USA

**Dandan Xu**
Beijing Forestry University, China

**Jean-Paul Lellouche**
Bar-Ilan University, Israel

**Ming-Yong Han**
Institute of Materials Research and Engineering, Singapore

**Christoph Gerber**
University of Basel, Switzerland

**Leonard F Register**
University of Texas at Austin, USA

**Guang Li**
Donghua University, China

**Thomas Prevenslik**
QED Radiations, China

**Yoshinori Sato**
Tohoku University, Japan

**Steve Park**
Korea Advanced Institute of Science and technology, South Korea

**Masaru Matsuo**
Dalian University of Technology, China

**María E Dávila**
Instituto de Ciencia de Materiales de Madrid, Spain

**Irina V Antonova**
Institute of Semiconductor Physics, Russia

**Hikaru Kobayashi**
Osaka University, Japan

**Nathalie Raveu**
Centre National de la Recherche Scientifique, France

**Jiangtao Cheng**
Virginia Polytechnic Institute and State University, USA

**Masahiro Hiramoto**
Institute for Molecular Science, Japan

**Claire Deeb**
Centre de Nanoscience et de Nanotechnologies, France

**Irina V Antonova**
Institute of Semiconductor Physics, Russia

**Jean-Paul (Moshe)**
Lellouche
Bar-Ilan University, Israel

**Guy Makov**
Ilse Katz Institute for Nanoscale Science and Technology, Israel

**Omotayo A Arotiba**
University of Johannesburg, South Africa

**Philippe Houdy**
Evry Paris Saclay University, France

**Vijay K Arora**
Wilkes University, USA

**Vera I Isaeva**
National University of Science and Technology MISiS, Russia

**P R Raghavan**
Nanorx Inc, USA

**Orlando H Auciello**
Distinguished Chair in Engineering, Canada

**Bingqing Wei**
University of Delaware, USA

**Thomas J Webster**
Northeastern University, USA

# Past Affiliates

**Matthew Houtput**
University in Antwerp, Belgium

**Shankar Patel**
Mohanlal Sukhadia University, India

**X G Zheng**
Saga University, Japan

**Mohammed Mamor**
Université Cadi Ayyad, Morocco

**Victor Baledent**
University of Paris Sud, France

**Xuan He**
Xi'an Jiaotong University, P R China

**Pushan Ayyub**
Tata Institute of Fundamental Research, India

**Vladimir Davydov**
Moscow State University, Russia

**Yong Zhang**
Xi'an Jiaotong University, P R China

**Qiandong Zhuang**
Lancaster University, UK

**Wang Yanlong**
Dalian Institute of Chemical Physics, China

**Yuting Lou**
The University of Tokyo, Japan

**Sergei V Aliukov**
South Ural State University, Russia

**Jie Lian**
Rensselaer Polytechnic Institute, USA

**Zoran Borjan**
University of Belgrade, Serbia

# Plan a Trip To Barcelona: Destination Of Euro Condensed Matter 2019

Capital of Catalonia, Mediterranean port, Olympic host, multicultural meeting place, culinary haven, thriving metropolis, modernist wonderland... Barcelona is all this and more. A unique destination that inspires the senses and lets imagination flow, an eye-catching city with a unique architectural legacy, a cosmopolitan town home for artists, fashion designers and musicians, Barcelona is a city with a strong energy and character. You will enjoy the walks around its different neighborhoods, each of them offering a special flavor that makes of Barcelona a unique dish for the traveler!

If there ever were a city to be defined as "cosmopolitan," it would be Barcelona. More international than Spanish, it has been a vital Mediterranean port for centuries. Aesthetically speaking, Barcelona is the most innovative and intriguing of all Spanish cities. Its beautifully preserved Gothic Quarter (Barri Gòtic) contains an impressive concentration of medieval buildings within the former confines of 4th century Roman walls.

Barcelona contains 4th century remnants of the Roman Empire, Romanesque churches, and a whole Gothic neighborhood replete with Cathedral, plazas, streets and churches from the 13th – 15th centuries. Most notably, the Example neighborhood holds late 19th and early 20th century Art Nouveau (modernism) buildings by Antoni Gaudi and other masters whose colorful, curvy, imaginative structures stand as Barcelona's defining and unique aesthetic identity.

Barcelona has a great offering of museums. Highlights include the Picasso Museum, the Joan Miró Foundation and the National Museum of Catalan Art, housed in a beautiful palace constructed for the 1920's World Exhibition.

Barcelona is a bilingual city, with a culture distinct from the rest of country. There's even a statute pending debate in the National Congress which would grant Catalonia the title of a "nation," among other privileges, though its approbation and terms remain to be seen. This "Statute" is sure to mark a new, important era of Barcelona history.



EuroScicon Meetings 2019

# GLIMPSES OF EURO CONDENSED MATTER CONFERENCES










https://condensedmatterphysics.euroscicon.com/

# Tourist Attractions at Barcelona, Spain












# Tourist Attractions at Berlin, Germany










