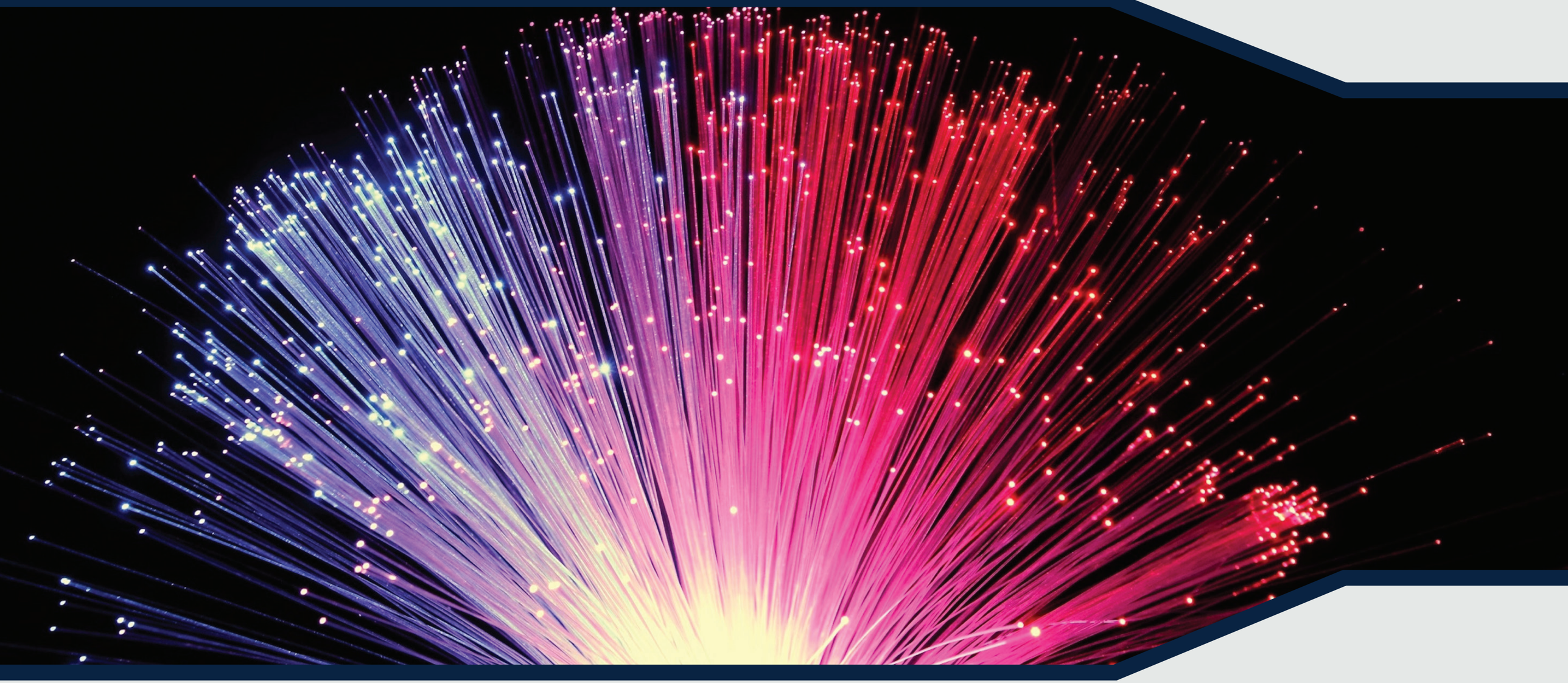
4th International Conference on

Innovative and Smart Materials

February 27-28, 2019 | Berlin, Germany

PULSUS

WWW.PULSUSCONFERENCE.COM



Hosting Organization:

Pulsus Group

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https://smart-advanced-materials.pulsusconference.com/

Invitation

PULSUS brings in a new spin on conferences by presenting the latest scientific improvements in your field. Listen to motivating keynotes from thought leaders, or rub elbows with pioneers across the globe. Berlin is all set for an amazing event as PULSUS proudly presents the "**4th International Conference on Innovative and Smart materials**" slated on **February 27-28, 2019 at Berlin, Germany**.

PULSUS cordially welcome researchers, academicians, students and business professionals in the field of Smart Materials professionals from around the world to participate in the upcoming **Smart Materials 2019**. The meeting for this year will revolve around the theme "**Appreciating Innovative Smart Materials for a Smart future**" thus relaying the most cutting edge findings in the field of Smart Materials. The two day meeting is going to be an event to look forward to for its enlightening symposiums & workshops from established experts of the field, exceptional keynote sessions directed by the best in the business. It will also prove to be a brilliant open door for the representatives from Universities and Institutes to cooperate with the world class researchers and an outstanding opportunity for businesses keen at expanding their global market reach. Interested individuals can confirm their participation by registering for the conference along with their colleagues. Register soon and avail exciting early bird discounts.

Regards
Smart Materials 2019
Organizing Committee

Conference Highlights

- Classification of Smart Materials
- Smart Structures and Materials
- Properties and Characterization of Smart Materials
- Actuators and Sensors as Smart Materials
- Robotics and Future
- Automation and Impact
- Shape Memory Alloys
- Materials for green and smart food packaging
- Smart Materials using Nano-technology
- Smart Materials in Medical Sciences
- Materials for regenerative medicine, drug delivery and cosmetics
- Self-healing Hydro-gels
- Smart Textiles in Clothing
- Smart Combat Suits
- Sun Exposure Monitoring Sensor
- Materials for Safe Environment
- Electrostrictive Polymers for Energy Harvesting
- Carbon Fibre Reinforced Concrete (CFRC)
- Applications of Smart Materials
- Future Scope of Smart Materials
- Smart Materials in Global Market

Agenda

Day-01 Wednesday February 27, 2019

Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
Group Photo	
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Tracks: Classification of Smart Materials | Smart Structures and Materials | Properties and Characterization of Smart Materials Actuators and Sensors as Smart Materials
13:00-13:45	Lunch Break**
13:45-16:00	Tracks: Robotics and Future| Automation and Impact| Shape Memory Alloys | Materials for green and smart food packaging
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Tracks: Smart Materials using Nano-technology | Smart Materials in Medical Sciences | Materials for regenerative medicine, drug delivery and cosmetics | Self-healing Hydro-gels

Tentative

Day-02 February 28, 2019

Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Tracks: Smart Textiles in Clothing | Smart Combat Suits | Sun Exposure Monitoring Sensor | Materials for Safe Environment
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Tracks: Electrostrictive Polymers for Energy Harvesting | Carbon Fibre Reinforced Concrete (CFRC) | Applications of Smart Materials
13:00-13:45	Lunch Break**
13:45-16:00	Tracks: Future Scope of Smart Materials | Smart Materials in Global Market
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations
Day Concludes	

Conference Speakers

Title: From Human Doings to Human Beings - Automation Used for Good
Kostika Spaho, Co-Founder and CTO, Ica & Kostika
Title: Porous Silicon and Germanium Layers with Silver Nanoparticles Formed by Ion Implantation
Andrey Stepanov, Russian Academy of Sciences, Russia
Title: Multiple Damage Detection in Frames using Wavelet Transforms
Jalal Akbari , University of Malayer, Iran
Title: In Pursuit of The Holy Grail of Lab-on-a-Chip Technology – from Silicon and Glass Micromachining to 3D Printing
Wojciech Piotr Bula, University of Tokyo, Japan
Title: Efficiency in Additive Manufacturing Processes
Juan Carlos Cruz-Robles, University of Manchester, USA
Title: Microstructural and Crystallographic Characterization of Spark Plasma Sintered Ti-Zr And Ti-Ta Based Alloys
Bamidele L Bayode, University of Johannesburg, South Arica
Title:Moving from a Linear Economy to a Circular Economy: Investigation into the Development of a 'Green' Coloration Method for Cotton
X Mutter,University of Leeds, UK
"Title: Big Return Of The Deceased Ion-Exchanger In The Field Of Nanotechnology As A Part Of Ternary Nanocomposite Comprising Of Functionalised Carbon Nanotubes, Pani And Zirconium Molybdate (Ion-Exchanger"
Yashfeen Khan, Aligarh Muslim University Aligarh
Title: Future Battery Materials the Way to Sustainability
Sai Prakash Polakonda, Hochschule Kaiserslautern, Pirmasens
Title: Smart Clothing: Construction kit for multifunctional textileadapted electronic microsystems"
Daniela Wittmann, German Research Center for Artificial Intelligence, Germany
Title: Complex dewetting of ultrathin silicon films for large-scale nanoarchitectures
Abdennacer Benali, Institute Microelectronic Materials and Nanosciences of Provence
Title: Slow Positron facility (SPOT)
Dan Cohen, Informatix, Israel
Title:Efficiency in Additive Manufacturing Processes
Juan Carlos Cruz-Robles, University of Manchester, USA

Title: Novel mesh based on nano bacterial cellulose and poly (lactide-co-glycolide) composite
Chen Lai, Shenzhen Institute Peking University, China
Title: Self-healinig Polymeric Materials
Damjan Gemovic, OEM, Russian Federation

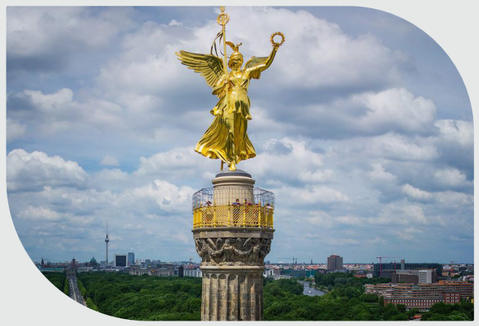


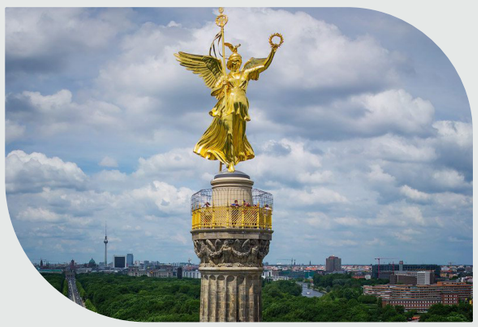
Tourist Attractions















Venue



Berlin is capital city of Germany with splendid textured history and, known as second most populous urban area in the European Union, located northern eastern Germany on the banks of Spree and Havel rivers and centre of Berlin-Brandenburg Metropolitan Region by temperate seasonal climate. About one-third of city composed of incredible beauty in its forests, rivers, and historical sites, rivers, canals and lakes. It is almost as lively at night as it is during the day and it has a unique, exciting atmosphere, which provides the visitor with a truly unforgettable experience.

It serves as a mainland hub for air, rail traffic and a highly complex public transportation network. It also includes Clusters of high-rise buildings emerge at disperse locations Potsdamer Platz, and Alexanderplatz and represents as previous centers of West and East Berlin. It has huge attractions inspire general classical style of city with various important heritage monuments reconstructed includes Forum Fridericianum, State Opera, Charlottenburg Palace and holds main monuments of the Gendarmenmarkt and Kommandantur.

Hosted by PULSUS
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