EuroSciCon

EuroSciCon Conference on Smart Materials

October 04-06, 2018
Amsterdam, Netherlands

2018



Smart Materials 2018

https://smartmaterials.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: **Smart Materials and Technologies**	Talks On: **Smart Structures**	Talks On: **Materials Science and Engineering**
	Talks On: **Nanomaterials and Nanotechnology**	Talks On: **Smart Biomaterials and Medical Devices**	Talks On: **Polymer-based smart materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Biomimetic materials**	Panel Over: **Biopolymers and bioplastics**	Panel Over: **Biomaterials imaging**
	Workshop On: **Atomic structures**	Workshop On: **Atomic structures**	Workshop On: **Atomic structures**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
	Lectures on: **Biomimetic materials**	Lectures on: **Radiotherapy**	Lectures on: **Hard magnetic materials**
06:00 PM	Session On: **Cancer nanotechnology**	Session On: **Nanobiotechnology**	Session On: **Polymer Science and Technology**
	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: **Ceramics and Composite Materials**	Talks On: **Electronic, Optical and Magnetic Materials**	Talks On: **Emerging Smart Materials**
	Talks On: **Materials for Energy and Environmental Sustainability**	Talks On: **Physics and Chemistry of Materials**	Talks On: **Biocomposite materials**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **micro-devices**	Panel Over: **Dieletric materials**	Panel Over: **solar cells**
	Workshop On: **Glass science and technologies**	Workshop On: **Nanostructured ceramics**	Workshop On: **Bioceramics**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **8Quantum science**	Talks On: **Superconductivity**	Talks On: **Smart robots**
	Lectures on: **Piezoelectric materials**	Lectures on: **Fuel cells**	Lectures on: **Photovoltaics**
06:00 PM	Session On: **Hydrogen energy**	Session On: **Photocatalysis**	Session On: **Metals, Mining, Metallurgy and Materials**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 3, 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: **Mechanics, Characterization Techniques and Equipments**	Talks On: **Atomic force microscopy (AFM)**	Talks On: **Emerging Smart Materials**
	Talks On: **Topological Materials**	Talks On: **Regenerative Medicine**	Talks On: **Bio Plastics**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Polymer surface and interface**	Panel Over: **Thermal ceramics**	Panel Over: **Spintronics**
	Workshop On: **Magnetic Storage**	Workshop On: **Soft magnetic materials**	Workshop On: **Soft magnetic materials**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **smart surfaces**	Talks On: **Graphene and 2D Materials**	Talks On: **Smart Materials in Industrial Application**
	Lectures on: **Bioactive Smart Materials**	Lectures on: **Alloy**	Lectures on: **Polydispersity**
06:00 PM	Session On: **Market Demand and Value**	Session On: **Thermo Sets**	Session On: **Future of Materials**
	NETWORKING	**NETWORKING**	**NETWORKING**

Past Affiliates

Michael Giersig
Freie Universität Berlin, Germany

Filippo Berto
Norwegian University of Science and Technology, Norway

Ioanna Giouroudi Jovanović
Vienna University of Technology, Austria

Boris Chichkov
Laser Zentrum Hannover e.V., Germany

Said A Mansour
Qatar Foundation Institute, Qatar

Mohabattul Zaman Bukhari
Universiti Malaysia Perlis, Malaysia

Robert Brandt
University of Siegen, Germany

Yuri S. Kivshar
Australian National University, Australia

Yongmei Zheng
Beihang University, China

Francisco Javier Pérez Trujillo
Universidad Complutense Madrid, Spain

Leonid Getsov
NPO ZKTI, Russia

Martina Stefanova-Atanasova
KAOLIN LEAD, Bulgaria

Luc Avérous
University of Strasbourg, France

Luísa M.D.R.S. Martins
Portuguese Electrochemical Society, Portugal

Han-Taw Chen
National Cheng Kung University, Taiwan

Reza Ektesabi
Canadian Nano Society, Canada

Ricardo Branco
University of Coimbra, Portugal

Shlomo Berger
Technion, Israel

Max Lu
University of Surrey, Australia

Ghada Amer
Arab Science and Technology Foundation, Egypt

Zizi Abdeen
Egyptian Petroleum Research Institute, Egypt

Jakob Kübarsepp
Tallinn Ubiversity of Technology, Estonia

Nikolai A. Sobolev
University of Aveiro, Portugal

Teresa Monteiro
University of Aveiro, Portugal

"Virginie M. Boucher
Megatech Industries, Spain"

"Haruo Sugi
Teikyo University Medical School, Japan"

"Ming Dao
Nanomechanics Laboratory, MIT, USA"

"Hikmat S. Hilal
An-Najah N. University, Palestine"

"Itai Pelled
TIPA Corp, Israel"

"Genda Chen
Missouri University of Science and Technology , USA"

"Barbara Bonelli
Politecnico di Torino, Italy"

"Kar Seng (Vincent) Teng
Swansea University, UK"

"Peng-Sheng Wei
National Sun Yat-Sen University , Taiwan"

"Ali Sabea Hammood
University of Kufa, Iraq"

"Bingkun K. Chen
Mayo Clinic, USA"

"Rafal Abdank-Kozubski
Jagiellonian University, Poland"

Past Affiliates

"**Mehdi Saniei**
University of Toronto, Canada"

"**Nekane Guarrotxena**
Institute of Polymers Science and Technology, Spain"

"**Jacek Przybylski**
Czestochowa University of Technology, Poland"

"**Rahul Mane**
Shivaji University, India"

"**Mustafa Soylak**
Erciyes University, Turkey"

"**Kwun Nam HUI**
University of Macau, China"

"**Ali Omar**
Central Metallurgical R& D Institute, Egypt"

"**Dinesh Amalnerkar**
Sungkyunkwan University, South Korea"

"**L.W. Zhang**
Shanghai Jiao Tong University, China"

"**Oras A. S. Al-Ani**
Newcastle University, UK"

"**Jinn P. Chu**
National Taiwan University of Science and Technology, Taiwan "

"**Dan Cohen**
Informatix, Contractor of the Israeli Space Agency, Israel"

"**Monika Michalska**
Institute of Electronic Materials Technology, Poland"

"**Habil. Simona Cavalu**
University of Oradea, Romania"

"**Jesus Ma. Rincon**
Eduardo Torroja Institute for Construction Sciences, Spain"

"**Mary M. Eshaghian-Wilner**
University of Southern California, USA"

"**Meiyong Liao**
National Institute for Materials Science, Japan"

"**Frederic Aguesse**
CIC Energigune, Spain"

"**Jordi Arbiol**
Institut Català de Nanociència i Nanotecnologia (ICN2), CSIC, Spain"

"**Hamed Sabet**
Islamic Azad University, Iran"

"**Ester Barrachina Albert**
Universitat Jaume I, Spain"

"**Devesh K. Agrawal**
Baker Hughes, Enterprise Research, USA"

"**Milica Marceta Kaninski**
Vinca Institute of Nuclear Sciences, Serbia"

"**Maximina Romero**
Eduardo Torroja Institute for Construction Sciences, Spain"

"**Amer A. Taqa**
Mosul University, Iraq"

"**Ajay Kumar Mishra**
University of South Africa, South Africa"

"**Angelo R. Maligno**
University of Derby, UK"

"**A. Abdelghani**
National Institute of Applied Science and Technology (INSAT, Tunisia) , Tunisia"

"**Raja Rizwan Hussain**
King Saud University, Saudi Arabia"

"**Oleg L. Figovsky**
INRC Polymate, Israel"

"**Lars Montelius**
International Iberian Nanotechnology Laboratory (INL), Portugal "

"**Sevil Dinçer İşoğlu**
Abdullah Gul University, Turkey"

"**Dongyang Li**
University of Alberta, Canada"

"**Alexander M. Seifalian**
University College London, UK"

"**Ivana Validžić**
Vinca Institute of Nuclear Sciences, Serbia"

"**Abbas Amini**
Western Sydney University, Australia"

"**Ivoyl P. Koutsaroff**
Qorvo Inc, USA"

"**Brian Yuliarto**
Institut Teknologi Bandung, Indonesia"

"**Hiroyuki Serizawa**
Japan Atomic Energy Agency, Japan"

Past Affiliates

"**Manijeh Razeghi**
Northwestern University, USA"

"**Alexander Böker**
Fraunhofer- Institute for Applied Polymer Research (IAP), Germany"

"**Alexander Karamanov**
Bulgarian Academy of Sciences, Bulgaria"

"**Detlef Bahnemann**
Leibniz University of Hannover, Germany"

"**Jiabao Yi**
UNSW, School of Materials Science and Engineering, Australia"

"**Yogendra Kumar Mishra**
Christian Albrechts University of Kiel, Germany"

"**Fabrizio Pirri**
Italian Institute of Technology, Italy"

"**Shanmuka Sundaram**
K.S.Rangasamy College of Technology, India"

"**Carlo Montemagno**
University of Alberta, Canada"

"**Marie Paule Pileni**
University P&M Curie, UPMC, France"

"**Shaojun GUO**
Peking University, China"

"**Dimitris Niarchos**
Amen Technologies, Greece"

"**Marcelle Gaune Escard**
Ecole Polytechnique, France"

"**Guoqian Chen**
Peking University, China"

"**Anton Liopo**
UT MD Anderson Cancer Center, United States"

"**Frank Volke**
Fraunhofer IBMT, Germany"

"**Dong Fang Yang**
National Research Council, Canada"

"**GONG Hao**
National University of Singapore, Singapore"

"**Piedad N de Aza**
Miguel Hernandez de Elche University, Spain"

"**Sirikanjana**
Kasetsart University, Thailand"

"**Samuel Frimpong**
M U S T, USA"

"**Pankaj Vadgama**
Queen Mary University of London, UK"

"**Elias Siores**
University of Bolton, United Kingdom"

"**P V Radovanovic**
University of Waterloo, Canada"

"**Angelo Rosario Maligno**
University of Derby, UK"

"**Amr Elnashai**
Penn State University, USA"

"**Antonio Zuorro**
University of Rome, Italy"

"**Annamaria Cucinotta**
University of Parma, Italy"

"**David Cardwell**
University of Cambridge, United Kingdom"

"**Anshuman Srivastava**
SIET Allahabad, India"

"**Yuyuan Zhao**
University of Liverpool, UK"

"**Il Kim**
Pusan National University, Republic of Korea"

"**Alessandra Vitale**
Politecnico di Torino, Italy"

"**Hicham Fenniri**
Northeastern University, USA"

"**KM Liew**
City University of Hong Kong, Hong Kong"

City Attractions

Amsterdam is the capital and most crowded region of the Netherlands. Its status as the capital is commanded by the Constitution of the Netherlands, in spite of the fact that it isn't the seat of the administration, which is The Hague. Amsterdam has a populace of 851,373 inside the city legitimate, 1,351,587 in the urban region, and 2,410,960 in the Amsterdam metropolitan zone. The city is situated in the region of North Holland in the west of the nation yet isn't its capital, which is Haarlem. The metropolitan region contains a significant part of the northern piece of the Randstad, one of the bigger conurbations in Europe, with a populace of roughly 7 million.

Amsterdam's name gets from Amstelredamme, demonstrative of the city's birthplace around a dam in the stream Amstel. Starting as a little angling town in the late twelfth century, Amsterdam wound up a standout amongst the most critical ports on the planet amid the Dutch Golden Age (seventeenth century), a consequence of its creative improvements in exchange. Amid that time, the city was the main place for fund and precious stones. In the nineteenth and twentieth hundreds of years the city extended, and numerous new neighborhoods and rural areas were arranged and fabricated. The seventeenth century trenches of Amsterdam and the 19– twentieth century Defense Line of Amsterdam are on the UNESCO World Heritage List. Since the extension of district Sloten in 1921 by the region of Amsterdam, the most seasoned memorable piece of the city lies in Sloten (ninth century).

As the business capital of the Netherlands and one of the best monetary focuses in Europe, Amsterdam is viewed as an alpha world city by the Globalization and World Cities (GaWC) think about gathering. The city is additionally the social capital of the Netherlands. Numerous extensive Dutch foundations have their base camp there, and seven of the world's 500 biggest organizations, including Philips and ING, are situated in the city. In 2012, Amsterdam was positioned the second best city to live in by the Economist Intelligence Unit (EIU) and twelfth all inclusive on nature of living for condition and foundation by Mercer. The Amsterdam seaport right up 'til today remains the second in the nation, and the fifth biggest seaport in Europe. Renowned Amsterdam occupants incorporate the diarist Anne Frank, craftsmen Rembrandt van Rijn and Vincent van Gogh, and scholar Baruch Spinoza.

The Amsterdam Stock Exchange, the most seasoned stock trade on the planet, is situated in the downtown area. Amsterdam's primary attractions, including its notable trenches, the Rijksmuseum, the Van Gogh Museum, the Stedelijk Museum, Hermitage Amsterdam, the Anne Frank House, the Amsterdam Museum, its seedy area of town, and its numerous cannabis coffeehouses draw in excess of 5 million global guests every year. It is additionally one of the world's most multicultural urban communities, with no less than 177 nationalities spoke to.

City Attractions







