



Research Lake
Innovation Matters

WORLD SUMMIT ON

MATERIALS SCIENCE AND NANOTECHNOLOGY

Theme: To discuss the latest advancements in materials
research and nanotechnology

Mar 26-27, 2020 | Madrid, Spain


Click Here to visit conference website

<https://researchlake.com/conferences/materials-science>

Research Lake International Inc.


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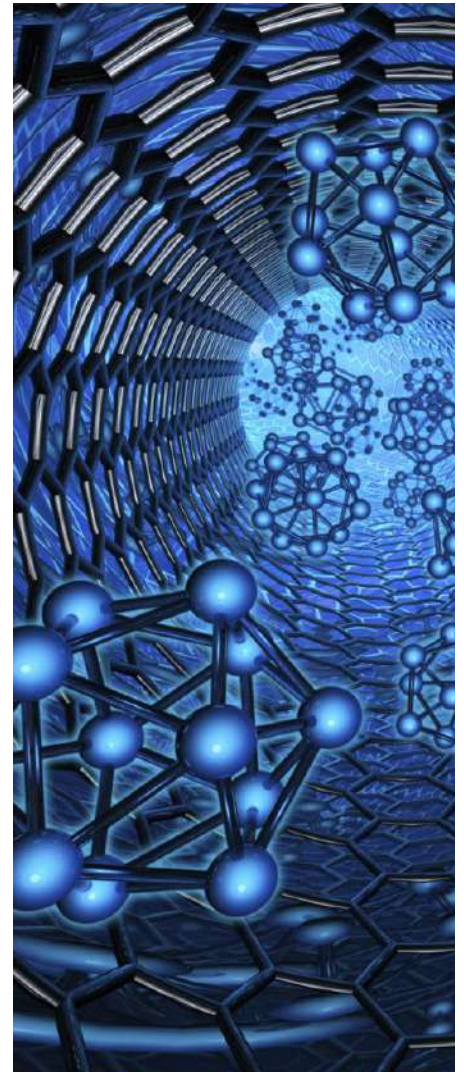
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RESEARCH LAKE

INVITATION

World Summit on Materials Science and Nanotechnology is scheduled to take place in **Madrid, Spain** on **March 26-27, 2020**. Materials Science 2020 aims to bring together all the Materials Scientists, Materials Engineers, Materials Researchers, Chemists, Professors, Directors & Co-Directors, Assistant Professors, Associate Professors, Emeritus Faculty, Lecturers, Research Scholars and Students from all over the world to share their knowledge.

Materials Science 2020 provides a global platform to showcase and discuss recent innovations in the field of Materials Research and Nanotechnology. It also provides a great opportunity to network with peers, discover new products and services from vendors and sponsors and discover new solutions by interacting with peers physically. The theme of the conference is *"To discuss the latest advancements in Materials Research and Nanotechnology"*.



This is an excellent opportunity for the delegates from Universities and Institutions to interact with the world class scientists. The intending participants can confirm their participation by registering for the conference.





ABOUT

RESEARCH LAKE

Research Lake International is a platform where Internationally renowned researchers, highly respected professors, C-Level executives meet and connect to build up a research community and provide strategic direction to academicians and practitioners through themed conferences, scientific publications, management review, and trend analysis in the field of medicine, management, and technology.



WHY CHOOSE US?

- Global & Local Expertise
- Prospective Attendees
- Highly organized and structured scientific programs
- Strong sense of identification
- Quality without compromise
- Transparency in communication
- Global View of the profession
- Open gateway towards innovation
- We're passionate about what we do

Key discussions/Sessions

- Materials Research
- Computational Materials Science
- Emerging technologies in Materials Science
- Biomaterials and Nanomaterials
- Composite Materials
- Ceramics and Polymers
- Materials Synthesis and Processing
- Applications of Advanced Materials
- Semiconductors, Alloys and Metallurgy
- Glass Science and Technologies
- Metallic and Organic Materials
- Advances in Graphene Research and 2D Materials
- Magnetic Materials
- Emerging Smart Materials
- Nanotechnology in Medicine
- Nanotechnology in Engineering
- Future of Nanotechnology
- Benefits and Applications of Nanotechnology

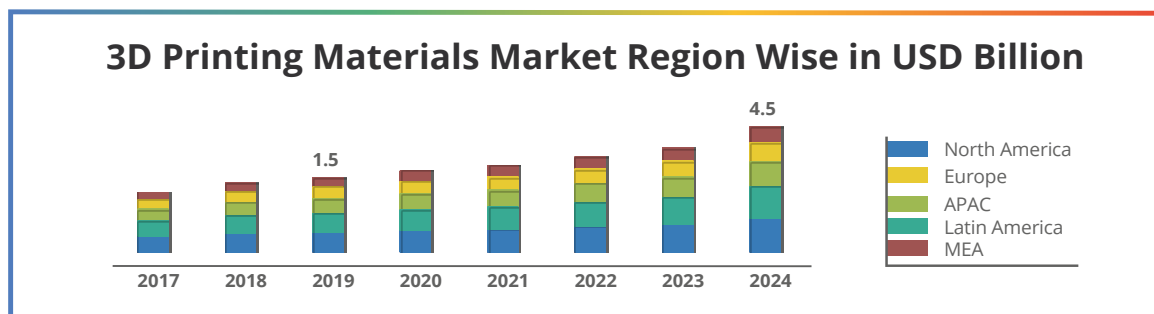


MARKET

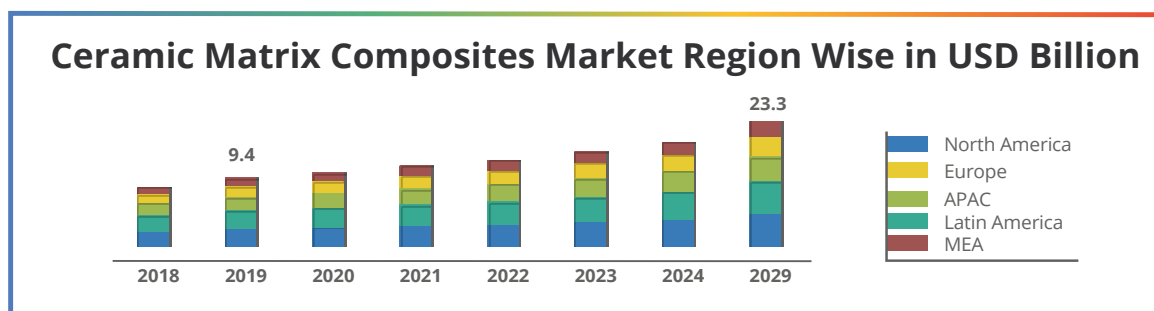
RESEARCH

Advanced materials with their predominant assets outperform other standard materials in toughness, hardness, durability and elasticity. The evolution of advanced materials has led to the development of new products in warships, medical devices and computers. The applications and scope of advanced materials is very broad in nature. Some of the advanced materials are polymers, metal alloys, ceramics, semiconductors, composites and biomaterials. Material scientists aim to create new ones to suit industrial needs. Advanced materials research includes spin electronics, amphiphilic materials, superconductors and advanced engineering polymers.

The 3D printing market is estimated to grow USD 1.5 billion to USD 4.5 billion at a CAGR of 25% from 2020 to 2024. The market is growing due to the high demand from the aerospace & defense, healthcare, and automotive industries. Due to the growing aerospace, defense and automotive industries, North America is expected to be the largest market for 3D printing materials.



The Ceramic matrix composites market is estimated to grow USD 9.4 billion to USD 23.3 at a CAGR of 9.5% from 2020 to 2029. Due to the growing aerospace, defense and automotive industries, North America is expected to be the largest market for Ceramic matrix composites.



COMPANIES

CERAMIC MATRIX COMPOSITES

- General Electric Company (US)
- Rolls-Royce (UK)
- SGL Carbon (Germany)
- United Technologies (US)
- COI Ceramics (US)
- Lancer Systems (US)
- CoorsTek (US)
- Applied Thin Films (US)
- Ultramet (US)
- CFC Carbon (China)

Smart Polymers market size is estimated to grow USD 634.2 Million to USD 2,071.1 Million at a CAGR of 21.9% from 2017 to 2022. North America is the largest growing market for Smart Polymers due to high demand from biomedical and biotechnology industries.

CARBON NANOTUBES

- Arkema S.A. (France)
- Arry International Group LTD. (China)
- Carbon Solutions Inc. (US)
- Cheap Tubes Inc. (US)
- CNT Co., Ltd. (Korea)
- Ocsial Llc (US)
- Hanwha Chemical Corp. (South Korea)
- Nano-C Inc. (US)
- Nanocyl
- Cnano Technology Ltd (US)
- Toray International Group Limited (Japan)
- Showa Denko K.K. (Japan)
- Continental Carbon Company (US)

The Carbon nanotubes market is estimated to grow USD 3.95 billion to USD 9.84 billion at a CAGR of 16.70% from 2018 to 2023.

NANOMATERIALS

- Covetsro
- Arkema
- Nanocyl
- Showa Denko
- Air Products PLC
- Cnano Technologies
- Nanophase
- Glonatech SA

The global Nanomaterials market is estimated to grow USD 4,747.7 million to USD 13,120.95 Million at a CAGR of 15.62% from 2017 to 2024. The rise in nanomaterials market is due to high demand and usage in aerospace and automotive applications. Unites States is one of the largest growing market for Nanomaterials in North America. APAC is estimated to grow with overall highest CAGR compared to other regions.



ADVISORY

TEAM



Dr. Digby D. Macdonald

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Dr. Manoj Gupta

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Chang Gung Memorial Hospital, Taiwan



Dr. Dipak Ramji

Professor, Cardiovascular Science,
Cardiff University, UK



IMPORTANT

DATES

Abstract submission opens	July 01, 2019
Registration opens	July 02, 2019
Early bird registration	November 15, 2019
On spot registration	March 26, 2020

CONFERENCE REGISTRATION PRICES

Academic	Speaker/Delegate Registration: \$ 549 USD
Business	Speaker/Delegate Registration: \$ 649 USD
Student	Student Delegate Registration: \$ 249 USD
Exhibitor	Exhibition booth setup: \$ 1499 USD

For more package details please visit:

<https://researchlake.com/conferences/materials-science/registration>

Submit your abstract at:

<https://researchlake.com/conferences/materials-science/submit-abstract>



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For more information, please contact conference program manager at:
materials@researchlakeconferences.com
materials@researchlakeconferences.net












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TENTATIVE

SCHEDULE

DAY 1 - MARCH 26, 2020

-  Opening Ceremony – 8:30-9:00
-  Keynote Speeches – 09:00-12:00
-  Networking and Refreshments Break – 12:00-12:15
-  Group Photo – 12:15-12:30
-  Speaker Session – 12:30-13:30
-  Lunch – 13:30-14:00
-  Speaker Session – 14:00-16:00
-  Networking and Refreshments Break – 16:00-16:15
-  Speaker Session – 16:15-17:00

DAY 2 - MARCH 27, 2020

-  Keynote Speeches – 09:00-12:00
-  Networking and Refreshments Break – 12:00-12:15
-  Special Session – 12:15-12:45
-  Speaker Session – 12:45-13:30
-  Lunch – 13:30-14:00
-  Poster Sessions – 14:00-15:30
-  Networking and Refreshments Break – 15:30-16:30
-  Award Ceremony – 16:30-17:00

ABOUT MADRID:

Madrid is the capital of Spain and the largest municipality in both the community of Madrid and Spain as a whole. It is the third-largest city in the European Union (EU). Madrid lies on the River Manzanares is also the political, economic and cultural centre of the country. Madrid is home to two world-famous football clubs, Real Madrid and Atlético Madrid. Due to its economic output, high standard of living, and market size, Madrid is considered the leading economic hub of the Iberian Peninsula and of Southern Europe.

While Madrid possesses modern infrastructure, it has preserved the look and feel of many of its historic neighbourhoods and streets. Its landmarks include the Royal Palace of Madrid; the Royal Theatre with its restored 1850 Opera House; the Buen Retiro Park, founded in 1631; the 19th-century National Library building (founded in 1712) containing some of Spain's historical archives; a large number of national museums,[24] and the Golden Triangle of Art, located along the Paseo del Prado and comprising three art museums: Prado Museum, the Reina Sofía Museum, a museum of modern art, and the Thyssen-Bornemisza Museum, which complements the holdings of the other two museums.

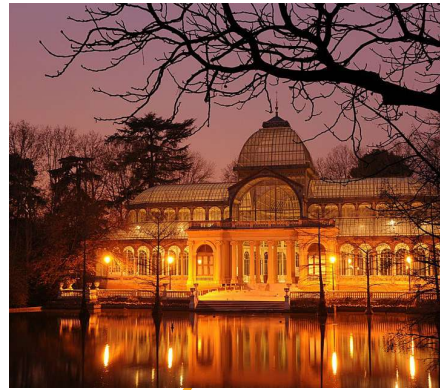


MADRID

ATTRACTIONS



Basilica de San Francisco el Grande



Buen Retiro Park & the Crystal Palace



Centro de Arte de Reina Sofía



Fuente de Cibeles and Gran Vía



Lázaro Galdiano Museum

MADRID

ATTRACTIONS



Museo Thyssen-Bornemisza



National Archaeological Museum



Plaza Mayor



Prado museum



Puerta de Alcalá



For more detail on

**Conference Registration | Participation | Abstract Submission |
Sponsorship | Exhibition Booth Space**

Please Contact:

Sara Williams - Program Manager

Material Science 2020 Conference | March 26-27, Madrid, Spain
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