

# Nanotechnology Newsletter



Newsletter issue 067  
31 December 2019

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Welcome to our last posting of this year and of this decade. Happy New Year to everyone and all the best wishes (nano or macro) for the next decade. Let your personal and professional dreams come true!

Season's Greetings  
and  
Best wishes for the 2020



## Nanotechnology News



## About BREC Solutions



BREC Solutions is an independent consulting firm with a niche specialisation in nanotechnology innovation, standards, market evaluation and regulation.

[Dr Denis Koltsov](#) is BREC Solutions director and the Chairman of the [ISO TC229](#), member of the Strategy Board of directors of

We had such a busy time at BREC that the last newsletter came out at the end of July. We simply had too many projects and trips from August to November. This period covers a lot of news as well as events that took place: InterNanoPoland (Katowice, Poland), ISO TC24/SC4 (Geel, Belgium), IEC TC113 (Shanghai, China), ISO TC229 (Hangzhou, China), LDMA (Xi'an, China). It was a privilege to participate and chair some of the meetings.

[Nanotechnology World Network](#), [National Graphene Association](#) and [Gracious](#) EU project.

## Selected News



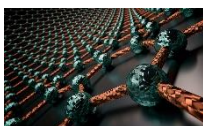
[Highways England and GEIC investigate graphene roads](#)



[Powdered titanium dioxide \(TiO<sub>2</sub>\) to be classified as carcinogen by inhalation](#)



[ECHA Executive Director Authors First EUON Nanopinion Post](#)



[Is Graphene by Any Other Name Still Graphene?](#)



[UAE tests nano-tech cloud seeding in bid to boost rainfall](#)



[Current EU regulations 'ready' for next-generation nanomaterials – study](#)



[NIOSH Nanotechnology Research Center Seeks Input from Manufacturers, Distributors](#)

...



[No Small Feat: ANSI-Nanotechnology Standards Panel Celebrates 15 Years](#)



[EUON Publishes Nanopinion on Strengthening Societal Engagement with Nanotechnologies](#)



[Nanoco doubles revenue but warns of tougher times ahead](#)

## BREC Solutions News

BREC Network offers access to world experts in:

- Nanomaterial Regulation
- Nanotechnology Standards
- Nanotechnology Scouting
- Market Evaluation
- Nanomaterials Sales Intelligence
- Nanomaterials Characterisation
- Investment
- Environmental Nanotech
- Nano-Biotechnology
- Pharmaceuticals

For more information please refer to our brochure or just [contact us](#) to find out more about our services.



This brochure is being revised and will be updated soon.

Our partners:



[Talga and Leclanché sign MoU to trial Swedish lithium-ion battery anodes](#)



[EUON Seeks Topics to Address in Upcoming Studies](#)



[Australian team designs a graphene filter to purify methane from biogas](#)



[Tetra Pak Explores Graphene Material for the Food and Beverage Manufacturing Industry](#)



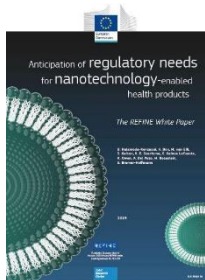
[ECHA publishes draft CoRAP for 2020-2022 where some substances have a nanoform](#)



[SCCS publishes revised guidance for nanomaterials in Cosmetics](#)



[Nano opinion in EUON from EU-OSHA](#)



[Anticipation of regulatory needs for nanotechnology-enabled health products](#)



[CPWR publishes toolbox talks on nanomaterials in construction](#)



[ISO Standard Specifies Method for Testing Photocatalytic Activity of Nanoparticles for NADH Oxidation](#)



[EUON Publishes Nanopinion on Safe by Design Approach to Nanomaterials](#)



[XG Sciences and Perpetuus Partner to Supply Graphene to the North American Tire Markets](#)





[Versarien plc Continue to attract large blue-chip companies \(Interview\)](#)



[France to ban E171, Titanium Dioxide, in foods from 1 January 2020](#)



[New JRC report sheds light on identifying nanomaterials](#)



[Miner raises money for graphene project](#)



[New Graphene Flagship "Spearhead Projects" get €92 million in funding](#)

## Events of Interest

- 01 January 2020 [International Conference on Nano science and Nanotechnology \( IC2N \) \(Ulaanbaatar,Mongolia\)](#)
- 01 January 2020 [International Conference on Nanomaterials and Biomaterials \( EUICNB \) \(Buenos Aires,Argentina\)](#)
- 06 January 2020 [ISER-731st International Conference on Nanoscience, Nanotechnology & Advanced Materials \(IC2NAM\) \(Pattaya , Thailand\)](#)
- 06 January 2020 [International Conference on Nano science and Nanotechnology](#)
- 06 January 2020 [International Conference on Nanomaterials and Biomaterials \(Glasgow, UK\)](#)
- 13 January 2020 [International Nanotribology Forum \(Chiang Rai, Thailand\)](#)
- 22 January 2020 [Nano in Business - Nanomaterials for Dual Use \(GoToMeeting, 15:00 to 16:30 CET\)](#)
- 29 January 2020 [2nd International Conference on Nanomaterials Applied to Life Sciences 2020 \(NALS 2020\) \(Madrid, Snail\)](#)

## Featured Events



This newsletter has grown in number of subscriptions. We are told that this is the most comprehensive list of nanotechnology events on the net. We now have over 11,000 subscribers from all over the world. Please help us grow this community and forward it to your colleagues and friends. We offer free media partnerships with nanotechnology events and banner advertising for a reasonable fee. Get in contact with

- 08 February 2020 [Advanced Materials and Nanotechnology \(Rotorua, New Zealand\)](#)
- 12 February 2020 [31st European Congress on Nanotechnology and Materials Engineering Paris, France\)](#)
- 19 February 2020 [13th International Conference on Smart Materials & Polymer Technology \(Paris, France\)](#)
- 20 February 2020 [International Conference on Physics \(Orlando, USA\)](#)
- 21 February 2020 [Euroscicon Conference on Advanced Nanotechnology \(Amsterdam, Netherlands\)](#)
- 21 February 2020 [NANOTECHNOLOGY SYMPOSIUM \(Kuala Lumpur, Malaysia\)](#)
- 24 February 2020 [Nanotech Middle East 2020 Exhibition and Conference](#)
- 24 February 2020 [International Conference on Pharmaceuticals and Advanced Drug Delivery Systems \(Rome, Italy\)](#)
- 24 February 2020 [19th Edition of International Conference on EMERGING TRENDS IN MATERIALS SCIENCE AND NANOTECHNOLOGY \(Philadelphia USA\)](#)
- 26 February 2020 [2nd World Congress on Material Science and Nanotechnology \(Dubai, United Arab Emirates\)](#)
- 26 February 2020 [FUTURE MATERIALS 2020 Materials Science & Nanotechnology Conference \(LISBON, PORTUGAL\)](#)
- 02 March 2020 [International Conference on Nanotechnology and Nanomaterials \(Rome, Italy\)](#)
- 05 March 2020 [Graphene Automotive 2020 Exhibition and Conference](#)
- 09 March 2020 [European Meeting on Materials Science and Nanotechnology \(Rome, Italy\)](#)
- 11 March 2020 Nanomaterials Summit (Barcelona, Spain)
- 11 March 2020 [6th Annual World Congress of Smart Materials-2020 \(Barcelona, Spain\)](#)
- 12 March 2020 [The International Conference on Nano Research and Development \(Singapore\)](#)
- 13 March 2020 [4th International Conference on Materials Engineering and Nano Sciences \(ICMENS 2020\) \(Pattaya, Thailand\)](#)
- 18 March 2020 [NIA 9th annual symposium \(Brussels, Belgium\)](#)

us if you want your event or company to stand out.

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- 18 March 2020 [Nanoscience and Nanotechnology 2020 Conference \(Dubai, UAE\)](#)
- 19 March 2020 [3rd World Conference and Expo on Biomedical Engineering Conference](#)
- 23 March 2020 [Scholars International Conference on Advanced Materials and Nanotechnology \(Orlando, FL, USA\)](#)
- 23 March 2020 [World Congress on Materials Science & Nanotechnology \(Barcelona, Spain\)](#)
- 23 March 2020 [4th International Conference and Exhibition on Material Science and Nanotechnology \(Dubai, UAE\)](#)
- 23 March 2020 [Material Science Congress \(Rome, Italy\)](#)
- 25 March 2020 [14th International Conference on Materials Science and Technology \(Miami, USA\)](#)
- 25 March 2020 [Graphene Korea 2020 International Conference](#)
- 26 March 2020 [World Summit on Materials Science and Nanotechnology \(Madrid, Spain\)](#)
- 08 April 2020 [Global Meeting on Nanotechnology \(Nano Tech 2020\) \(London, UK\)](#)
- 12 April 2020 [5th World Congress on Recent Advances in Nanotechnology \(RAN'20\) \(Lisbon, Portugal\)](#)
- 12 April 2020 [5th International Conference on Nanomaterials, Nanodevices, Fabrication and Characterization \(ICNNFC'20\) \(Lisbon , Portugal\)](#)
- 12 April 2020 [5th International Conference on Nanomedicine, Drug Delivery, and Tissue Engineering \(NDDTE'20\) \(Lisbon , Portugal\)](#)
- 13 April 2020 [9th Global Nanotechnology Congress and Expo \(Miami, USA\)](#)
- 13 April 2020 [International summit on Nano medicine and Nanotechnology" \(Nanomedicine 2020\) \(Prague, Czech Republic\)](#)
- 13 April 2020 [9th Global Nanotechnology Congress and Expo](#)
- 15 April 2020 [2020 the 5th International Conference on Nanotechnology and Nanomaterials in Energy \(ICNNE 2020\) \(Barcelona, Spain\)](#)
- 20 April 2020 [World congress on NanoScience, Nanotechnology and Advanced Materials \(WCNSN-2020\) \(Dubai, UAE\)](#)

20 April 2020 [Nanotech Singapore International Conference and Exhibition \(NanoSingapore 2020\) \(Singapore\)](#)

20 April 2020 [IEC TC113 Plenary meeting \(Milan, Italy\)](#)

20 April 2020 [WORLDNANOTECHSUMMIT2020 \(Houston,Texas,USA\)](#)

22 April 2020 [15th World Congress on Nanophotonics and Electronics](#)

28 April 2020 [ImagineNano \(Bilbao, Spain\)](#)

28 April 2020 [GraphIn \(Bilbao, Spain\)](#)

28 April 2020 [3D Printing Spain 2020 – Beyond Nano](#)

28 April 2020 [Imaginenano2020 INDUSTRIAL FORUM](#)

03 May 2020 [SETAC Europe 30th Annual Meeting \(Dublin, Ireland\)](#)

04 May 2020 [Frontiers in Nanotechnology and Nanomaterials](#)

04 May 2020 [16th International Conference and Exhibition on Nanomedicine and Pharmaceutical Nanotechnology \(Amsterdam, Netherlands\)](#)

11 May 2020 ASTM E56 (Nanotechnology) (Boston Marriott Copley Place; Boston, MA US)

18 May 2020 [ISO TC229 Working group meetings \(Washington DC, USA\)](#)

20 May 2020 [International Conference on Nanomedicine And Nanotechnology 2020 \(Dublin, Ireland\)](#)

23 May 2020 [23rd world nanotechnology congress \(Istanbul, Turkey\)](#)

29 May 2020 [23rd World Nanotechnology Congress \(Istanbul, Turkey\)](#)

01 June 2020 [Scholars International Conference on Advanced Materials and Nanotechnology \(Orlando, FL, USA\)](#)

02 June 2020 [Graphene 2020 \(Grenoble, France\)](#)

08 June 2020 [International Conference and Expo on Materials Science and Nanoscience \(Kuala Lumpur, Malaysia\)](#)

08 June 2020 [International Conference and Expo on Condensed Matter Physics \(Kuala Lumpur, Malaysia\)](#)

- 08 June 2020 [4th International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'20\) \(Niagara Falls , Canada\)](#)
- 08 June 2020 [International Conference on Cutting Edge Materials Research and Nanotechnology \(Barcelona, Spain\)](#)
- 08 June 2020 [Scientific Colloquium 25 "Microplastics and nanoplastics in food and feed" \(TBA\)](#)
- 15 June 2020 [3rd International Conference on MATERIALSCIENCE & NANOTECHNOLOGY \(Lisbon,Portugal\)](#)
- 15 June 2020 [International Conference on Materials Science and Engineering 2020 \(Bali, Indonesia\)](#)
- 22 June 2020 [3rd International Conference on Materials Research & Nanotechnology \(Osaka, Japan\)](#)
- 22 June 2020 [World Wide Conference in Advanced Material Science and Nanotechnology \(WWCAMSN-2020\) \(Madrid, Spain\)](#)
- 22 June 2020 [3rd International Conference on Materials research and Nanotechnology \(Osaka, Japan\)](#)
- 22 June 2020 [21st World Congress on Materials Science and Engineering \(Rome, Italy\)](#)
- 22 June 2020 [16th International Conference on Advance Material & Nanotechnology](#)
- 22 June 2020 [3rd International Conference on Materials Research & Nanotechnology \(Osaka, Japan\)](#)
- 22 June 2020 [8th International Congress & Expo on Biotechnology and Bio-engineering \(Toronto, Canada\)](#)
- 24 June 2020 [The 6th edition of the NanoMaterials for Energy and Environment 2020 \(Paris - France\)](#)
- 01 July 2020 [NanoKorea 2020 \(Seoul, Korea\)](#)
- 04 July 2020 [14th International Summer Schools on Nanosciences & Nanotechnologies, Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)
- 06 July 2020 [10th International Exhibition on Nanotechnologies & Organice Electronics 7 Nanomedicine \(Thessaloniki, Greece\)](#)



07 July 2020 [17th International Conference on Nanoscience & Technologies \(Thessaloniki, Greece\)](#)

16 July 2020 [Ark Annual Summit on Materials Science, Nanotechnology, and Engineering \(Dubai, UAE\)](#)

22 July 2020 [Future Trends on Material Science and Nanotechnology \(London, UK\)](#)

23 July 2020 [3rd International Conference on Atomic, Molecular and Optical Physics \(Montreal, Canada\)](#)

28 July 2020 [International Conference on Materials Science & Nanotechnology \(Berlin, Germany\)](#)

19 August 2020 [11th International Conference on Nanotechnology Fundamentals and Applications \(ICNFA'20\) \(Prague , Czech Republic\)](#)

21 August 2020 [17th Nanotechnology and Nanomedicine Congress \(Osaka, Japan\)](#)

23 August 2020 [Metamaterials, Metadevices, and Metasystems 2020 \(San Diego, USA\)](#)

23 August 2020 [Physical Chemistry of Semiconductor Materials and Interfaces IX \(San Diego, USA\)](#)

23 August 2020 [Low-Dimensional Materials and Devices 2020 \(San Diego, USA\)](#)

23 August 2020 [Nanoengineering: Fabrication, Properties, Optics, Thin Films, and Devices XVII \(San Diego, USA\)](#)

23 August 2020 [Enhanced Spectroscopies and Nanoimaging 2020 \(San Diego, USA\)](#)

23 August 2020 [Spintronics XIII \(San Diego, USA\)](#)

23 August 2020 [Quantum Nanophotonic Materials, Devices, and Systems 2020 \(San Diego, USA\)](#)

08 September 2020 [World Congress on Advanced Nano Research and Nano Tech Applications \(Sydney, Australia\)](#)

14 September 2020 [World Congress on Material Science and Nanotechnology \(Venice Italy\)](#)

22 September 2020 [21st International Conference and Exhibition on Materials Science, Nanotechnology and Engineering](#)

28 September 2020 [International Conference on Material Science and Nanotechnology \(Rome, Italy\)](#)

- 12 October 2020 [6th International Conference on Condensed Matter and Materials Physics \(London, UK\)](#)
- 13 October 2020 [NANO.IL.2020 \(Jerusalem, Israel\)](#)
- 14 October 2020 [The Nanotechnology Show \(New Jersey, USA\)](#)
- 19 October 2020 [9th International conference on Smart Materials and Structures October 19-20, 2020 \(Amsterdam, Netherlands\)](#)
- 21 October 2020 [7th International Conference on Material Science and Nanotechnology \(Rome, Italy\)](#)
- 09 November 2020 [ISO TC229 Plenary meetings \(London, UK\)](#)
- 16 November 2020 [ASTM E56 \(Nanotechnologies\) Renaissance Orlando at SeaWorld; Orlando, FL US](#)
- 16 November 2020 [PLENARENO MATERIAL SCIENCE AND NANOTECHNOLOGY CONFERENCE 2020](#)
- 23 November 2020 [19th World Congress on Material Chemistry 2020 \(Singapore\)](#)
- 15 December 2020 [ICAMN 2020: 14. International Conference on Advanced Materials and Nanotechnology \(Bangkok, Thailand\)](#)
- 17 December 2020 [International Conference on Advanced Materials Science and Nanotechnology \(Dubai, UAE\)](#)
- 17 December 2020 [ICSN 2020: 14. International Conference on Smart Nanomaterials \(Barcelona, Spain\)](#)
- 17 May 2021 [ASTM E56 \(Nanotechnologies\) Sheraton Centre Toronto; Toronto, ON CA](#)
- 15 November 2021 [ASTM E56 \(Nanotechnologies\) Atlanta Marriott Marquis; Atlanta, GA US](#)
- 08 May 2022 [ASTM E56 \(Nanotechnologies\) Sheraton Denver Downtown Hotel; Denver, CO US](#)
- 16 May 2022 [ASTM E56 \(Nanotechnologies\) Hyatt Regency Seattle; Seattle, WA US](#)
- 31 October 2022 [ASTM E56 \(Nanotechnologies\) Sheraton New Orleans; New Orleans, LA US](#)