

Nanotechnology Newsletter



Newsletter issue 064

29 December 2018

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Welcome to our last issue of nanotechnology newsletter of the 2018. This newsletter covers industry relevant developments in nanotechnology - innovation, commercialisation, regulation and standards.



Seasonal greetings from all of us at BREC Solutions

Nanotechnology News

The last month was very busy with corporate news particularly from rapidly growing graphene area and some regulators that were obviously keen to wrap up the 2018 year on an active note. We predict an even more active January-February 2019. Many more events are planned and I wish to thank all the organisers of 2018 events for their kind invitations and support. BREC closes this year very positively with the joining of the [Nanotechnology Industries Association](#) (NIA) and joining the board of directors of the [Nanotechnology World Network](#) (nWN). I am personally looking forward to working with NIA and nWN and all other organisations, stakeholders, advisors and interns who support our activity and Nanotechnology community in general. We would also like to thank all our clients and partners (past and present) for your support and active engagement.

From all of us at BREC let me wish you the finest end of the year celebrations and the best of luck and success in the new 2019.

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 [NanoReg2](#), [Nanotechnology World Network](#), [National Graphene Association](#) and [Gracious](#) EU project.



[Versarien to collaborate with Chinese aerospace company](#)



[NIST Nanotechnology Environmental, Health, and Safety Research Program: 2009–2016](#)



[Scientists develop a new method to revolutionise graphene printed electronics](#)



[Top 5 achievements of RusNano Group in 2018 \(In Russian\)](#)



[Army research shows how graphene oxide can help improve munitions](#)



[Rossui announces the launch of Air Face, the first beauty rejuvenation treatment with graphene](#)



Graphene Hiking Boots

[Graphene hiking boots unveiled by inov-8 and the University of Manchester](#)



[GEIC Enters Haydale's Collaboration for Graphene Failsafe Solutions](#)



[NanoXplore Acclaimed by Frost & Sullivan for Developing a Technology that Produces Graphene from Natural Flake Graphite](#)



[Log 9 Materials displays a car that can run on water and air, thanks to a graphene-enhanced battery](#)



[Commission adopts new registration requirements for nanomaterials under REACH, clarifying how to register nanoforms of substances. The new rules will apply as of 1 January 2020.](#)



[EPA Will Withdraw SNUR for Carbon Nanomaterial \(Generic\)](#)

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:





[Report from ECHA workshop on REACH information requirements for nanomaterials](#)



[Haydale Graphene Industries PLC announced the signing of a joint development deal with Star RFID Company Limited](#)



[Graphenea recently launched a graphene foundry service – GFAB](#)



[GraphenTech to give away free graphene samples, in search for future collaborations](#)

GraphenTech



[JRC Scientists Publish Article on Inventory of Publicly Available Tools for the Safety Assessment of Nanomaterials](#)

Events of Interest

- 05 January 2019 [ISER-504th International Conference on Nanoscience, Nanotechnology & Advanced Materials \(IC2NAM\) \(Stockholm, Sweden\)](#)
- 14 January 2019 [Nanophotonics of 2D materials \(Shanghai, China\)](#)
- 24 January 2019 [Nano in Business: Commercialisation of nanomaterials \(Webinar: Thursday, January 24, 2019 - 15:00 to 16:30 CET\)](#)



- 25 January 2019 [27th International Conference on Nanomedicine and Nanomaterials \(Dubai, UAE\)](#)
- 27 January 2019 [International Conference on Advances in Nanomaterials and Devices for Energy and Environment \(ICAN-2019\)](#)
- 28 January 2019 [22nd World Congress on Advances in Nanoscience and Nanotechnology \(Singapore\)](#)
- 28 January 2019 [18th Edition of International Conference on Emerging Trends in Materials Science and Nanotechnology \(Barcelon, Spain\)](#)
- 13 February 2019 [The nanoGUNE Winter School 2019 \(San Sebastian, Spain\)](#)
- 14 February 2019 [Graphene & 2D Materials International Conference and Exhibition \(GrapheneForUS\) \(New York, USA\)](#)
- 18 February 2019 [International Conference on Materials Science and Engineering" \(Mat Science 2019\) \(San Francisco, CA, USA\)](#)
- 18 February 2019 [22nd International Conference on Advanced Nanoscience and Nanotechnology \(Paris, France\)](#)

Featured Events



16th-18th October 2019 in Novotel Hotel in Katowice, Poland

- 20 February 2019 [International Conference on Polymerization Catalysis, Flexible Polymer and Nanotechnology \(Abu Dhabi, UAE\)](#)
- 23 February 2019 [ICNC 2019 : 20h International Conference on Nanoceramics and Composites \(Sydney, Australia\)](#)
- 25 February 2019 [2nd International Conference on Materials Science and Engineering \(Paris, France\)](#)
- 25 February 2019 [Biomedical Engineering 2019 \(Haifa, Israel\)](#)
- 26 February 2019 [NanoCarbon Annual Conference \(Würzburg, Germany\)](#)
- 04 March 2019 [Graphene Automotive 2019 \(Detroit, USA\)](#)
- 06 March 2019 [5th Annual World Congress of Smart Materials-2019 \(WCSM-2019\) \(Rome, Italy\)](#)
- 07 March 2019 [1st Conference & Networking Day on REACH, CLP and Biocides Regulations \(Lisbon, Portugal\)](#)
- 7 March 2019 [National Nano Associations in the spotlight: Supporting your nano community \(Webinar: Thursday, March 7, 2019 - 15:00 to 17:00 CET\)](#)



- 11 March 2019 [5th Annual Conference on Biomaterials \(Nice, France\)](#)
- 11 March 2019 [Global Drug Delivery & Formulation Summit \(Berlin, Germany\)](#)
- 18 March 2019 [5th International conference on Nanotechnology for Renewable Materials \(Singapore\)](#)
- 18 March 2019 [International Conference on Material Science and Engineering \(Valencia, Spain\)](#)
- 21 March 2019 [24th Annual Meeting on Nanomaterials Science \(New York, USA\)](#)
- 21 March 2019 [9th International Conference and Exhibition on Advanced Cell and Gene Therapy \(Rome, Italy\)](#)
- 25 March 2019 [25th World Congress on Nanomaterials and Nanotechnology \(Yokohama, Japan\)](#)
- 27 March 2019 [Int'l Coating, Adhesive and Film Industry Expo 2019 \(Songdo Convensia, Incheon\)](#)
- 27 March 2019 [Graphene Korea 2019 International Conference GRAPHENE KOREA 2019 \(Seoul - Korea\)](#)
- 27 March 2019 [NIA's 8th Annual Symposium \(Brussels, Belgium\)](#)



- 28 March 2019 [Carbon Nanotubes and Graphene Technologies \(Milan, Italy\)](#)
- 28 March 2019 [3rd International Conference and Expo on Diamond, Graphite & Carbon Materials \(Orlando, Florida, USA\)](#)
- 29 March 2019 [ICNN 2019 : 21st International Conference on Nanoscience and Nanotechnology \(Paris, France\)](#)



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

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08 April 2019 [Global Conference on NANOTECHNOLOGY AND MATERIALS SCIENCE \(Valencia, Spain\)](#)

10 April 2019 [Graphene Europe \(Berlin, Germany\)](#)

11 April 2019 [International Conference On Nano-medicine & Drug Delivery \(Paris, France\)](#)

11 April 2019 [22st International Conference on Advanced Materials Science and Nanotechnology \(Abu Dhabi, UAE\)](#)

14 April 2019 [4th World Congress in Recent Advances in Nanotechnology \(RAN '19\) \(Rome, Italy\)](#)

15 April 2019 [6TH GLOBAL NANOTECHNOLOGY CONGRESS AND EXPO NANOTECHNOLOGY \(Dubai, UAE\)](#)

15 April 2019 [World Nanotechnology Conference](#)

15 April 2019 [10th International Congress Nanotechnology in Biology & Medicine \(Graz, Austria\)](#)

24 April 2019 [World congress on Material Science and Nanotechnology \(Chengdu, China\)](#)

25 April 2019 [29th International Conference on Nanomaterials and Nanotechnology \(Rome, Italy\)](#)

25 April 2019 [6th World Congress on Smart Materials and Polymer Technology \(Helsinki, Finland\)](#)

13 May 2019 [ASTM E56 \(Nanotechnology\) \(Sheraton Denver Downtown Hotel; Denver, CO USA\)](#)

13 May 2019 [Nanomaterials Science: European Congress on Nanotechnology and Materials Science Engineering \(Brussels, Belgium\)](#)

13 May 2019 [3rd World Congress on Nano Science and NanoTechnology \(Perth, Australia\)](#)

16 May 2019 [2nd International Conference on Nanomaterials and Nanotechnology \(Prague, Czech Republic\)](#)

17 May 2019 [7th European Nanotechnology Congress \(Brussels, Belgium\)](#)

20 May 2019 [30th World Nano Conference \(Zürich, Switzerland\)](#)

20 May 2019 [21st Annual European Pharma Congress \(Zurich, Switzerland\)](#)

20 May 2019 [2nd European Physics Congress Berlin, Germany\)](#)

20 May 2019 [12th International Conference on Pharmaceutical Chemistry \(Berlin, Germany\)](#)

26 May 2019 [SETAC Europe 29th Annual Meeting- Nano risk assessment and regulation \(Helsinki, Finland\)](#)

27 May 2019 [International Conference on Nanomedicine and Nanotechnology in Health Care \(Istanbul, Turkey\)](#)

03 June 2019 [2019 International Conference on Nanotechnology for Renewable Materials \(Chiba, Japan\)](#)

09 June 2019 [European Polymer Congress 2019 \(EPF 2019\) \(Crete, Greece\)](#)

10 June 2019 [International Conference and Exhibition on Materials Research and Nanotechnology \(ICMRN 2019\) \(Rome, Italy\)](#)

- 10 June 2019 [5th edition of the Materials Science conference \(Osaka, Japan\)](#)
- 12 June 2019 [8th Annual World Congress of Advanced Materials \(WCAM-2019\) \(Jinan, China\)](#)
- 13 June 2019 [The 3rd International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'19\)](#)
- 17 June 2019 [5th International Congress & Expo on Biotechnology and Bioengineering \(London, UK\)](#)
- 21 June 2019 [8th International Conference on Nanotechnology and Nano Biotechnology \(Osaka, Japan\)](#)
- 26 June 2019 [Nanotech France 2019 \(Paris, France\)](#)
- 26 June 2019 [The 5th edition of the NanoMaterials for Energy and Environment 2019 - NANOMATEN 2019 \(Paris, France\)](#)
- 26 June 2019 [Nanometrology 2019 International Conference and Exhibition - NANOMETROLOGY 2019 \(Paris, France\)](#)
- 27 June 2019 [10th anniversary Cleanpower & Smart Grids 2019 Conference Summit & Showcase \(Cambridge, UK\)](#)
- 28 June 2019 [Nanotech 2019 \(Paris, France\)](#)
- 29 June 2019 [NANOTECHNOLOGY 2019 \(Thessaloniki, Greece\)](#)
- 29 June 2019 [13th International Summer School on Nanosciences & Nanotechnologies, Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)
- 01 July 2019 [International Conference on Manipulation, Automation and Robotics at Small Scales – MARSS 2019 \(Helsinki, Finland\)](#)
- 01 July 2019 [9th International Exhibition on Nanotechnologies & Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)
- 02 July 2019 [16th International Conference on Nanosciences & Nanotechnologies \(Thessaloniki, Greece\)](#)
- 03 July 2019 [NanoKorea 2019 \(Seoul, Korea\)](#)
- 14 July 2019 [27th Annual International Conference on Composites or Nano Engineering \(ICCE-27\) \(Granada, Spain\)](#)
- 17 July 2019 [Nanotech Forum 2019 \(Zurich, Switzerland\)](#)
- 19 July 2019 [Euro IndusChem 2019 \(Zurich, Switzerland\)](#)
- 22 July 2019 [International Conference on Advanced Materials Sciences and Engineering \(ICAMSE-2019\) \(Osaka, Japan\)](#)
- 22 July 2019 [35th World Congress on Materials Science and Nanotechnology \(Melbourne, Australia\)](#)
- 22 July 2019 [3rd International Conference on Nanotechnology and Materials Science \(Rome, Italy\)](#)
- 25 July 2019 [2ND INTERNATIONAL CONFERENCE ON MAGNETISM AND MAGNETIC MATERIALS \(Rome, Italy\)](#)

- 30 July 2019 [8th International Conference on Petro Chemistry and Chemical Engineering \(Amsterdam, Netherlands\)](#)
- 14 August 2019 [2019 4th International Conference on Nanotechnology and Materials Science \(Nanjing, China\)](#)
- 17 August 2019 The 8th International Conference on Nanoscience and Technology (ChinaNANO 2019) (Beijing, China)
- 22 August 2019 [6th International Congress & Expo on Biotechnology and Nanotechnology \(BioNanotech-2019\) \(Barcelona, Spain\)](#)
- 26 August 2019 [World Congress on Advanced Nano Research and Nano Tech Applications \(Bangkok, Thailand\)](#)
- 26 August 2019 [3rd International Conference on Advances and Innovative Trends in Chemistry \(Madrid, Spain\)](#)
- 29 August 2019 [31st Nano Congress for Future Advancements \(London, UK\)](#)
- 19 September 2019 [24th International conference on Advanced Materials & Nanotechnology 2019 \(Brussels, Belgium\)](#)
- 20 September 2019 [24th Annual Meeting on Nanomaterials Science \(San Francisco, USA\)](#)
- 07 October 2019 [21st European Annual Congress on Nano Technology \(Osaka, Japan\)](#)
- 09 October 2019 [National Nanotechnology Day \(USA\)](#)
- 09 October 2019 [Graphene Expo \(Coventry, UK\)](#)
- 14 October 2019 [International Graphene and Carbon Nanotubes Conference \(Dubai, UAE\)](#)
- 16 October 2019 [InterNanoPoland 2019 \(Katowice, Poland\)](#)
- 03 November 2019 [Nanotech Middle East 2019 Conference and Exhibition - NANOTECH ME 2019 \(Dubai, United Arab Emirates\)](#)
- 04 November 2019 ASTM E56 (Nanotechnology) (Marriott Marquis Houston; Houston, TX US)
- 06 November 2019 [5th HVM & Graphene & New Materials 2019 Conference Summit & Showcase \(Cambridge, UK\)](#)
- 15 November 2019 [The International Conference on Nanotechnology Research and Applications \(ICNRA'19\) \(ORLANDO, FLORIDA\)](#)
- 22 November 2019 [2nd World Congress on Bioorganic and Medicinal Chemistry \(Dubai, UAE\)](#)
- 02 December 2019 [7th Global Nanotechnology Congress and Expo conference \(Bali, Indonesia\)](#)
- 11 May 2020 ASTM E56 (Nanotechnology) (Boston Marriott Copley Place; Boston, MA US)