

Nanotechnology Newsletter



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Newsletter issue 063
30 November 2018

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



Nanotechnology News

This is probably the longest Newsletter we've ever had with so many important news in the nanotechnology with particular expansion into graphene applications in batteries, armour, cooling, insulation, concrete, cars and clothing. There were also some critical articles regarding the quality of graphene. Interestingly enough I spent a week in Kuala Lumpur chairing the meetings of ISO TC229 and the workprogramme for graphene standards development has never been busier. We had some 150 experts from 22 countries working for 5 days with 5 parallel tracks of meetings. Very big thank you for the organisers and the working group leaders for running such an intense working week. Please note that not all of those meetings were about graphene!

About BREC Solutions

BREC Solutions is an independent consulting firm with a niche specialisation in



nanotechnology innovation, standards, market evaluation and regulation. [Dr Koltsov](#) is the Chairman of the [ISO TC229](#), member of the Strategy Board of directors of [NanoReg2](#) and [Gracious](#).



[The International Organization for Standardization and Nanotechnology: Interview with Denis Koltsov](#)



[Versarien signs deal with advanced insulation for Graphene-Enhanced insulation materials](#)



[Quantum Materials Corp to Establish Large Scale Quantum Dot Production in Assam India via License and Development Agreement with Amtronics CC. Designing a Nano-Safe Future](#)



VSparticle [VSparticle Releases Low-Cost Technology To Print Sensors, Finally Enabling Smart Contact Lenses](#)



[NUS researchers offer solution in fight against fake graphene](#)



[Graphene: Where Next? An interview with Professor Sir Konstantin 'Kostya' Novoselov, FRS](#)

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.





[EPA Will Publish SNUR for Carbon Nanomaterial](#)



[Critical review of the relevance and reliability of data sources, methods, parameters and determining factors to produce market studies on manufactured nanomaterials on the EU market](#)



[Cambridge graphene start-up opens production facility](#)



[Waterloo tech firm making big investment in nanotechnology](#)



[Sona Nanotech Inc. Announces Listing on Canadian Securities Exchange](#)



[The war on fake graphene](#)



[Yissum Launches NanoTech Fund](#)



[Slides Available from Scientific Workshop on Grouping of Nanomaterials](#)



[A Graphene First: Arizona Company Creates Economically Viable Graphene Concrete](#)



[TUBALL single wall carbon nanotubes: No ecotoxicity found, unlike other carbon nanotubes](#)



[Graphene for vehicle parts](#)



[Haydale awarded research grant to develop new graphene material](#)

Our partners:





[China Flies Graphene-Armored Z-10 Attack Helicopter](#)



[EU-OSHA Posts Info Sheet on Manufactured Nanomaterials in the Workplace](#)



[Four nanotechnology products unveiled at Intl. Nanotech Festival](#)



[Huawei's new Mate 20 X uses graphene film cooling technology](#)



[NanoReg2 published its findings: Insights into possibilities for grouping and read-across for nanomaterials in EU chemicals legislation](#)



[Versarien to Collaborate on Sub-Sea Insulation Products](#)



[NNI Publishes Key Takeaways and Transcript for Webinar on Technology Pathways Toward Commercializing Nanotechnology](#)



[Hebrew University launches \\$9 million nanotech fund](#)



[Samsung Galaxy S10 might come with graphene batteries](#)



[Graphene specialist Directa Plus bags €500,000 order from Italian workwear maker](#)



[EPA Posts Final Work Plan for Nanosilver Registration Review Process](#)



[GEIC announces new wave of membership](#)



[EU committee publishes colloidal silver \(nano\) Opinion](#)



[Most Commercial Graphene Is Just Expensive Pencil Lead, New Study Finds](#)

Events of Interest

- 02 December 2018 [Sixth International Symposium on Nanotechnology in Construction](#)
- 03 December 2018 [5th Global Nanotechnology Congress and Expo \(Theme: Exploring Novel Facets to the World in Nanotechnology\) \(Valencia, Spain\)](#)
- 03 December 2018 [International Conference On Nanotechnology \(Edinburgh, UK\)](#)
- 04 December 2018 [IDTechEx Business Insight Forums Advanced Electronic Materials \(Cambridge, UK\)](#)
- 05 December 2018 [3rd International Conference on Chemical Engineering & Technology](#)
- 06 December 2018 [SCON International Conference on Materials Science and Engineering \(Las Vegas, USA\)](#)
- 07 December 2018 [The 2nd Graphene Flagship EU-China Workshop on Graphene and related 2D materials \(Dresden, Germany\)](#)
- 10 December 2018 [Advanced Materials and Engineering Meeting \(University of Wolverhampton, Telford, UK\)](#)
- 11 December 2018 [CarbonTech 2018 \(Shanghai, China\)](#)
- 11 December 2018 [Graphene Engineering Innovation Centre Industry Launch and Graphene Showcas \(Manchester, UK\)](#)
- 13 December 2018 [The 5th International Conference on Nano Science and Nanotechnology 2018 \(ICNSNT 2018\) \(Colombo, Sri Lanka\)](#)
- 05 January 2019 [ISER-504th International Conference on Nanoscience, Nanotechnology & Advanced Materials \(IC2NAM\) \(Stockholm, Sweden\)](#)
- 25 January 2019 [27th International Conference on Nanomedicine and Nanomaterials \(Dubai, UAE\)](#)
- 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" \(Mat Science 2019\) \(San Francisco, CA, USA\)](#)

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

- 18 February 2019 [22nd International Conference on Advanced Nanoscience and Nanotechnology \(Paris, France\)](#)
- 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 \(Sydney, Australia\)](#)
- 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 \(Lisbon, Portugal\)](#)
- 18 March 2019 [5th International conference on Nanotechnology for Renewable Materials](#)
- 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 \(Seoul - Korea\)](#)
- 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 \(Paris, France\)](#)
- 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 \(Rome, Italy\)](#)

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- 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 \(Prague, Czech Republic\)](#)
- 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 \(Osaka, Japan\)](#)
- 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 \(London, UK\)](#)
- 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 \(Paris, France\)](#)
- 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 [Conference on Manipulation, Automation and Robotics at Small Scales](#)

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 \(Nanjing, China\)](#)

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 \(Bangkok, Thailand\)](#)

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 \(San Francisco, USA\)](#)

09 October 2019 [National Nanotechnology Day \(USA\)](#)

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 \(Nanotechnology\) \(Marriott Marquis Houston; Houston, TX US\)](#)

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)

