

Nanotechnology Newsletter



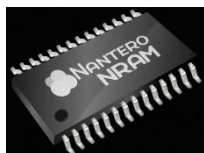
Newsletter issue 051

23 February 2017

Welcome to our nanotechnology newsletter. This newsletter aims to cover most recent relevant nanotechnology news and developments in industry, innovation, standards and regulation. To ensure that you receive Nanotechnology Newsletters, please add denis@brec-solutions.com to your address book or list of safe senders. If someone forwarded this newsletter to you and you would like to sign up then follow this [link](#).

Nanotechnology News

The theme of the month of February was clearly energy and energy storage. A number of great news came from PV and Quantum dot industries. Graphene topped the news with great articles on [battery technology](#) development and [recent industrial success](#). Some interesting news from EU [REACH regulation changes](#) and expected [Cosmetics regulator report](#). Industrial news were from [Nantero](#), [Quantum Materials Asia Co., Ltd](#), [Haydale](#), [Versarien](#), [PV NanoCell](#), [Skeleton Technologies](#), [HE3DA](#) and [CheapTubes Inc.](#)



[Carbon Nanotube Memory Company's Ship May Finally Come In](#)



[GTG and QMA Report 150 Million RMB Investment by China Government Guidance Fund and Siting of Production Facilities in Beijing](#)



[Haydale Graphene reveals new technologies tie-up targeting China](#)



[Draft REACH Guidance Documents on Nanomaterials Move to CARACAL for Review](#)



[Versarien launches new graphene brand Nanene](#)



[Nanomaterials Inventory for Cosmetics Will Be Published "in the Next Weeks"](#)



[PV Nano Cell Signs LOI for the \\$10M Acquisition of Digital Printer](#)

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](#), Convener of [ISO TC281/WG2](#), member of the Strategy Board of directors of [NanoReg2](#) and on Stakeholder Panel on [nanoDefine](#).



BREC Solutions services:

- Nanotechnology Consulting in regulation and standards
- Technology Scouting
- Market Evaluation
- Nanomaterials Sales Intelligence
- Nanomaterials Characterisation
- Nanotechnology Investment

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



[Manufacturer, DigiFlex](#)

[Skeleton Technologies secures EUR15m funding from EIB](#)



[Faster-charging, longer-lasting batteries: This startup thinks nanotech is the answer](#)



[Graphene Battery Users Guide](#)

Please note that we work with a number of experts in nanotechnology area to deliver a range of services.

Events of Interest

- 23 February 2017 [ADVANCED MATERIALS IN CONSTRUCTION SUMMIT \(Berlin, Germany\)](#)
- 25 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Dehradun, India\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Nagpur, India\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Kuala Lumpur, Malaysia\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Goa, India\)](#)
- 26 February 2017 [Nanomaterials for Applications in Energy Technology \(Ventura, USA\)](#)
- 28 February 2017 [ANSI's Nanotechnology Standards Panel \(ANSI-NSP\)](#)
- 01 March 2017 [International Conference on Nanomaterials and Nanotechnology \(ICNANO-2017, Allahbad, India\)](#)
- 05 March 2017 [ICNN 2017 : 19th International Conference on Nanoscience and Nanotechnology \(Rome, Italy\)](#)
- 06 March 2017 [5th International Conference on Multifunctional, Hybrid and Nanomaterials \(Lisbon, Portugal\)](#)
- 07 March 2017 [NanoSpain2017 \(San Sebastian, Spain\)](#)
- 08 March 2017 [Smart Systems Integration 2017 \(Cork, Ireland\)](#)
- 11 March 2017 [NANOTEK 2017 \(Hamburg, Germany\)](#)
- 12 March 2017 [NanoImpact Conference \(Monte Verita, Switzerland\)](#)
- 13 March 2017 [10th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems \(London, UK\)](#)
- 16 March 2017 [3rd Annual World Congress of Smart Materials-2017 \(Bangkok, Thailand\)](#)
- 20 March 2017 [3rd International Conference on Smart Materials & Structures \(Orlando, Florida, USA\)](#)
- 20 March 2017 [8th International Congress - BioNanoMed 2017 \(Krems, Austria\)](#)
- 24 March 2017 [Fifth International Conference: "Nanotechnology, Biotechnology and Spectroscopy: tools of success in the coming Era"](#)

Featured Events

**smartsystems
integration**

Cork, Ireland, 8 - 9 March 2017
smartsystemsintegration.com



8th Global

DDF Summit
Drug Delivery & Formulation

27 - 29 March 2017 | Berlin

NanoTech Poland 2017
International Conference
& Exhibition

1st - 3rd June 2017
Poznan (Poland)



**Commercialisation of
nanomaterials**
7 June 2017 London

- (Giza, Egypt)
- 25 March 2017 [International Biotechnology Congress-2017 \(Xi'an, China\)](#)
- 27 March 2017 [World Congress and Expo on Nanotechnology and Nanoengineering \(Dubai, UAE\)](#)
- 27 March 2017 [2nd Annual Conference and Expo on Biomaterials \(Madrid, Spain\)](#)
- 27 March 2017 [Trends in Nanoscience 2017 \(Kloster Irsee, Germany\)](#)
- 27 March 2017 [Global Drug Delivery & Formulation Summit \(Berlin, Germany\)](#)
- 28 March 2017 [Graphene2017 \(Barcelona, Spain\)](#)
- 29 March 2017 [The International Conference on Surfaces, Coatings and Interfaces \(Incheon, Korea\)](#)
- 30 March 2017 [14th International Conference on Nanomaterials and Nanotechnology \(Madrid, Spain\)](#)
- 01 April 2017 [5th International Conference on Nano and Materials Engineering \(ICNME 2017, Bali, Indonesia\)](#)
- 03 April 2017 [2nd International Nanotechnology Conference & Expo \(Dubai, UAE\)](#)
- 03 April 2017 [European Nanomedicine Meeting 2017 \(London, UK\)](#)
- 03 April 2017 [NanoWorld Conference \(NWC-2017, Boston USA\)](#)
- 04 April 2017 [2nd International Conference on Nanomedicine, Drug Delivery, and Tissue Engineering \(NDDTE'17\) \(Barcelona, Spain\)](#)
- 04 April 2017 [The 2nd International Conference on Nanobiotechnology \(ICNB'17\) \(BARCELONA, SPAIN\)](#)
- 04 April 2017 The 2nd International Conference on Nanotechnology Modeling and Simulation (ICNMS'17) (BARCELONA, SPAIN)
- 04 April 2017 [The 2nd International Conference on Nanotechnology and Environmental Issues \(ICNEI'17\)](#)
- 05 April 2017 [4th World Congress and Expo on Nanotechnology and Materials Science \(Nano and Materials Science-2017, Barcelona, Spain\)](#)
- 05 April 2017 [13th Zsigmondy Colloquium of the German Colloid Society \(Saarbrücken, Germany\)](#)
- 09 April 2017 [2017 IEEE 12th International Conference on Nano/Micro Engineered and Molecular Systems \(NEMS, Los Angeles, United States \)](#)
- 24 April 2017 [Nanomaterials : Industrial Workshop on Safe-By-Design \(Bilbao, Spain\)](#)
- 24 April 2017 [International Conference and Exhibition on Pharmaceutical Development and Technology \(Dubai, UAE\)](#)
- 24 April 2017 [International Conference on Advanced Graphene](#)



[21 June 2017 \(Malta\)](#)

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- [Materials and Semiconductors](#)
- 26 April 2017 [3rd International Smart Materials & Surfaces Conference \(Paris, France\)](#)
- 26 April 2017 [The 3rd Edition of the European Graphene Forum 2017 Conference and Exhibition \(EGF 2017\) \(Paris, France\)](#)
- 07 May 2017 [European Foundation for clinical nanomedicine \(CLINAM -Basel, Switzerland\)](#)
- 08 May 2017 [10th Asia-Pacific Pharma Congress \(Singapore\)](#)
- 10 May 2017 [IDTechEx Graphene and 2D Materials event \(Berlin, Germany\)](#)
- 14 May 2017 [World Innovation 2017 Conference & Expo \(Washington DC, USA\)](#)
- 28 May 2017 [11th International Conference on New Diamond and Nano Carbons 2017 \(Cairns, Australia\)](#)
- 29 May 2017 [International Conference and Exhibition on Nanomedicine and Drug Delivery \(Osaka, Japan\)](#)
- 29 May 2017 [8th International Symposium on Nanotechnology, Occupational and Environmental Health \(Konventum, Elsinore, Denmark\)](#)
- 29 May 2017 [8th International Conference and Exhibition on Materials Science and Engineering \(Osaka, Japan\)](#)
- 01 June 2017 [NanoTech Poland 2017 \(Poznan, Poland\)](#)
- 02 June 2017 [The engineering Materials show \(Derby, UK\)](#)
- 05 June 2017 [16th World Nano Conference \(Nano 2017, Milan, Italy\)](#)
- 05 June 2017 [International Nanotechnology Conference for Renewable Materials \(Montreal, Canada\)](#)
- 06 June 2017 [The 8th International Conference on Nanotechnology: Fundamentals and Applications \(ICNFA'17\) \(Rome, Italy\)](#)
- 07 June 2017 [Commercialisation of nanomaterials: process, issues, and management \(London, UK\)](#)
- 12 June 2017 [9th World Congress on Materials Science and Engineering \(Rome, Italy\)](#)
- 12 June 2017 [2nd International Conference on Applied Surface Science \(ICASS, Dalian, China\)](#)
- 14 June 2017 [6th Annual World Congress of Advanced Materials \(WCAM-2017, Xi, China\)](#)
- 20 June 2017 [2nd Open meeting on Standardisation for Nanotechnologies and Nanomaterials \(Malta\)](#)
- 21 June 2017 [EuroNanoForum 2017 \(Valletta, Malta\)](#)
- 22 June 2017 [InterNanoPoland \(Katowice, Poland\)](#)
- 25 June 2017 [18th International Conference on the Science and Application of Nanotubes and Low-dimensional Materials \(Belo Horizonte, Brazil\)](#)
- 26 June 2017 [3rd International Conference and Expo on Ceramics and Composite Materials \(Madrid, Spain\)](#)

28 June 2017 [Nanotech France 2017 International Conference and Exhibition \(Paris, France\)](#)

28 June 2017 [Nanometrology France 2017 Conference and Exhibition \(NanoMetrology 2017\) \(Paris, France\)](#)

28 June 2017 [NanoMaterials for Energy and Environment 2017 \(NanoMatEn 2017\) \(Paris, France\)](#)

01 July 2017 [NANOTECHNOLOGY 2017 \(Thessaloniki, Greece\)](#)

02 July 2017 [7th International Conference on Nanomaterials by Severe Plastic Deformation \(Sydney, Australia\)](#)

03 July 2017 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Kuala Lumpur, Malaysia\)](#)

03 July 2017 [4th Annual Congress on Drug Discovery & Designing \(Bangkok, Thailand\)](#)

04 July 2017 [International Conference on Nanotechnology & Nanomaterials \(Dubai\)](#)

07 July 2017 [2ND INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY AND NANOMATERIALS IN ENERGY \(ICNNE2017\) \(Lyon, France\)](#)

10 July 2017 [International Conference on Nanobiotechnology \(Chicago, USA\)](#)

11 July 2017 [World Congress on Regulations of Nanotechnology \(Chicago, USA\)](#)

11 July 2017 [The 9th International Conference on Advanced Materials \(ROCAM 2017, Bucharest, Romania\)](#)

12 July 2017 [nano Korea 2017 \(Seoul, Korea\)](#)

16 July 2017 [The Twenty-Fifth Annual International Conference on COMPOSITES/NANO ENGINEERING \(ICCE-25\) \(Rome, Italy\)](#)

17 July 2017 [International WE-Heraeus-Physics School on Exciting nanostructures: Probing and tuning the electronic properties of confined systems](#)

17 July 2017 [International Conference on Graphene and Semiconductors \(Chicago, Illinois, USA\)](#)

17 July 2017 [International Conference on Diamond and Carbon Materials \(Chicago, Illinois, USA\)](#)

19 July 2017 [9th International conference on Advanced Nanomaterials \(ANM2017 Avelro, Portugal\)](#)

19 July 2017 [3rd International conference on Advanced graphene materials \(ANM2017 Avelro, Portugal\)](#)

19 July 2017 [2nd International conference on Advanced magnetic and spintronics materials \(ANM2017 Aveiro, Portugal\)](#)

19 July 2017 [1st International conference on Advanced polymer materials and Nanocomposites \(ANM2017 Avelro, Portugal\)](#)

23 July 2017 [17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care \(Melbourne, Australia\)](#)

24 July 2017 [3th International Conference and Exhibition on Pharmaceutical Nanotechnology \(Rome,Italy\)](#)

24 July 2017 [International Conference and Exhibition on](#)

[Pharmaceutical Nanotechnology \(Rome, Italy\)](#)
 25 July 2017 [IEEE 17th International Conference on Nanotechnology \(IEEE-NANO, Pittsburgh, United States \)](#)
 25-Jul-2017 Ultrafine Bubble Technology Symposium (Singapore)
 26-Jul-2017 [International Conference on Nanotechnology, Nanomaterials & Thin Films for Energy Applications \(Aalto University, Finland\)](#)
 26 July 2017 1st Global Conference on Materials Science and Nanotechnology (Baltimore, US)
 27 July 2017 [10th International Conference on Emerging Materials and Nanotechnology \(Vancouver, Canada\)](#)
 01 August 2017 [7th International Conference on Manipulation, Manufacturing and on the Nanoscale \(3M-NANO \) \(Shanghai, China\)](#)
 07 August 2017 [International Conference on Nanotechnology 2017 \(Beijing, China\)](#)
 07 August 2017 [ICANM 2017: International Conference & Exhibition on Advanced & Nano Materials \(Toronto, Canada\)](#)
 21 August 2017 [3rd Global Nanotechnology Congress and Expo \(Dallas, USA\)](#)
 22 August 2017 [1st European Conference on Chemistry of Two-Dimensional Materials \(Chem2DMat\)](#)
 22 August 2017 [Nanogenerator and Piezotronics Symposium \(Stockholm,Sweden\)](#)
 22 August 2017 [Global Graphene Forum \(Stockholm, Sweden\)](#)
 23 August 2017 [The International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'17\) \(Toronto, Canada\)](#)
 29 August 2017 [14th European Conference on Molecular Electronics \(ECME 2017 Dresden, Germany\)](#)
 31 August 2017 [19th Nano Congress for Next Generation \(Brussels, Belgium\)](#)
 06 September 2017 [11th International Conference on Advanced Materials and Processing \(Edinburgh, UK\)](#)
 10 September 2017 [8th International Conference on Fracture of Polymers, Composites and Adhesives \(Les Diablerets, Switzerland\)](#)
 10 September 2017 [The Eleventh International Conference on Quantum, Nano/Bio, and Micro Technologies \(Rome, Italy\)](#)
 11 September 2017 [International Conference on Advanced Nanotechnology \(Amsterdam, Netherlands\)](#)
 13 September 2017 [Nanophotonics and Micro/Nano Optics International Conference 2017 \(Barcelona, Spain\)](#)
 17 September 2017 International Conference on Nanotechnology and Nanoscience (Amsterdam, Netherlands)
 17 September [18th Nanotechnology Products And Expo \(Seoul,](#)

2017 [Korea\)](#)

25 September 2017 [Graphene Week 2017 \(Athens, Greece\)](#)

25 September 2017 [2nd Global Congress & Expo on Materials Science and Nanoscience \(Valencia, Spain\)](#)

25 September 2017 [12th Annual Pharma Middle East Congress \(Dubai, UAE\)](#)

25 September 2017 [12th Annual Congress on Materials Science and Nanotechnology \(Dubai, UAE\)](#)

26 September 2017 [Micro Nano MEMS 2017 \(Birmingham , UK\)](#)

28 September 2017 [International Conference on Nanochemistry \(Atlanta, USA\)](#)

28 September 2017 [2nd International Conference on Biochemistry \(Dubai, UAE\)](#)

02 October 2017 [3rd International Conference on Polymer Science and Engineering \(Chicago, USA\)](#)

02 October 2017 [3rd International conference on rheology and modelling of materials \(Miskolc, Hungary\)](#)

09 October 2017 [3rd International Conference on Nanomaterials: Fundamentals and Applications \(Slovakia, Europe\)](#)

10 October 2017 [INC 2017 Industrial Nanocomposites Conference \(Stuttgart, Germany\)](#)

16 October 2017 [11th World Drug Delivery Summit \(Baltimore, USA\)](#)

16 October 2017 [5th International Congress and Expo on Nanotechnology and Materials Science \(Dubai, UAE\)](#)

18 October 2017 [15th World Medical Nanotechnology Congress & Expo \(Osaka, Japan\)](#)

19 October 2017 [9th Annual Congress on Drug Design & Drug Formulation During \(Seoul, South Korea\)](#)

19 October 2017 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Seoul, South Korea\)](#)

26 October 2017 [13th International Conference on Advanced Materials and Nanotechnology \(Osaka, Japan\)](#)

27 October 2017 [Nano USA 2017 - International Conference and Exhibition on Nanoparticles & Nanotechnology \(USA\)](#)

02 November 2017 [4th HVM Graphene + New Materials 2017 \(Cambridge, UK\)](#)

06 November 2017 [Annual summit on Nanomedicine & its applications \(New Orleans, USA\)](#)

09 November 2017 [BIT's 1st World Congress of Biomedical Engineering-2017 \(Xian, China\)](#)

12 November 2017 [6th International Conference on Ultrafine Grained and Nano-Structured Materials \(Kish Island, Iran\)](#)

13 November 2017 [13th International Conference and Exhibition on Materials Science and Engineering \(Las Vegas,](#)

	<u>Nevada, USA)</u>
13 November 2017	<u>13th International Conference on Nanotek and Expo (Atlanta, USA)</u>
13 November 2017	<u>18 th Nanotechnology Products and Summit (Atlanta, USA)</u>
13 November 2017	<u>22nd International Conference and Expo on Nanoscience and Molecular Nanotechnology (Vienna, Austria)</u>
13 November 2017	<u>Global Nanomaterials Congress (Singapore)</u>
23 November 2017	<u>17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care (Melbourne, Australia)</u>
01 January 2018	<u>International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale (3M-Nano) (Hangzhou, China)</u>
14 March 2018	<u>ICNN 2018 : 20th International Conference on Nanoscience and Nanotechnology (London, UK)</u>
29 March 2019	<u>ICNN 2019 : 21st International Conference on Nanoscience and Nanotechnology (Paris, France)</u>