

# Nanotechnology Newsletter



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Newsletter issue 056  
30 September 2017

Welcome to our nanotechnology newsletter. This newsletter aims to cover most recent nanotechnology news and developments in industry, innovation, standards and regulation. To ensure that you receive Nanotechnology Newsletters, please add [denis@brec-solutions.com](mailto: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

Following up on a number of enquiries from startups and investors we have decided to create an investor club focusing on nanotechnology businesses. The main goal of the NanoTechnology Investor Club (nanoTIC for short) is to bring investors and entrepreneurs together.



## NanoTechnology Investor Club

Who should join?

- Investors looking to fund projects in nanotechnology
- Innovators, entrepreneurs and business leaders
- Startups
- Existing large businesses looking for technology acquisitions or licensing
- University outreach and commercialisation officers
- Financial advisors building their portfolios

Membership requires signing an NDA, membership agreement and an annual fee. For all details please contact Denis Koltsov on [denis@brec-solutions.com](mailto:denis@brec-solutions.com).

## 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 on Stakeholder Panel on [nanoDefine](#).

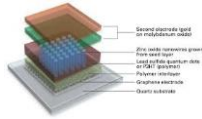


We were privileged to be invited to [ChinaNano 2017](#) in Beijing to give a keynote presentation of global standards in nanotechnology. We thank the organisers for this opportunity and all the discussions that followed.





[ISO Publishes Vocabulary Standard for Graphene and Related 2D Materials](#)



[Understanding Graphene Batteries \(AZOnano\)](#)



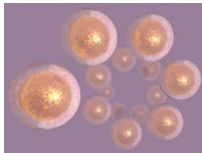
[2nd European conference on Standardization for nanotechnologies and nanomaterials, 20 June 2017 in Malta](#)



[US EPA publishes "Working Guidance on EPA's Section 8\(a\) Information Gathering Rule on Nanomaterials in Commerce" for the new reporting rule.](#)



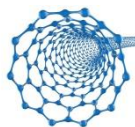
[Graphene manufacturing: A global lead indicator?](#)



[UK National Physical Laboratory \(NPL\) is running an ILS for particle counting - participants wanted](#)



[nano-Road surface modifier approved for Russia federal roads \(in Russian\)](#)



[EPA Issues Direct Final SNURs for Carbon Nanotube \(Generic\) and Nanocarbon \(Generic\)](#)



[EC Begins Consultation on Revising Recommendation on Definition of Nanomaterial](#)



[Water treatment scientists turn focus to microplastics](#)



[Weebit Nano bags \\$2.5M, aims to commercialise storage technology](#)

BREC Network offers access to world experts in:

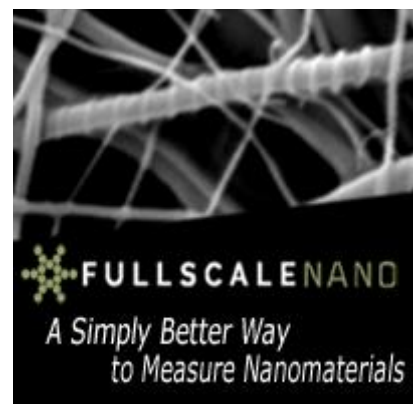
- Nanomaterial Regulation
- Nanotechnology Standards
- Nanotechnology Scouting
- Market Evaluation
- Nanomaterials Sales Intelligence
- Nanomaterials Characterisation
- Investment
- Environmental Nanotech
- Nano-Biotechnology
- Pharmaceuticals

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:



 [Nanotechnology Startup Nanosys Raises \\$7.5 Million](#)



[Iran, Armenia Sign MoU on Transfer of Nanotechnology](#)



[Haydale Graphene Makes First Commercial Sales In China](#)



[Dr. Flint weighs in on Graphene](#)



[Lab-on-Skin: A Review of Flexible and Stretchable Electronics for Wearable Health Monitoring](#)



[ACS launches two new journals for applied materials research](#)



[UAE's strategy for Fourth Industrial Revolution](#)



[Polysaccharides and Bacterial Nanocellulose: A New Biomaterial for Reduced Plastic Use](#)

[Cambridge technology aims to save aviation giants billions](#)



[Graphene and CNTs: Commercialization after the hype](#)



[OECD Tour de Table Highlights International Developments on the Safety of Manufactured Nanomaterials](#)



[MagForce AG Publishes Financial Results for the First Half of 2017 and Operative Highlights](#)



[ECHA Announces RAC Concludes on Opinion for Harmonized Classification and Labelling for Titanium Dioxide](#)





ASTM INTERNATIONAL

[ASTM publishes new standard : ASTM E3089 - 17 Standard Guide for Nanotechnology Workforce Education in Material Properties and Effects of Size](#)

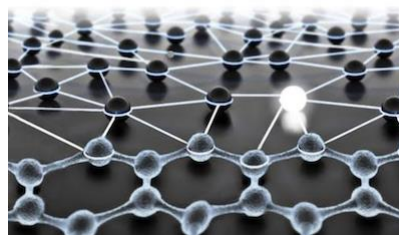
## Events of Interest

- 02 October 2017 [5th International Conference and Exhibition on Mechanical & Aerospace Engineering \( Las Vegas, Nevada, USA\)](#)
- 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 \(Miskolc-Lillafured, Hungary\)](#)
- 02 October 2017 [IEEE Nanotechnology Materials and Devices Conference \(NMDC\) \(Singapore\)](#)
- 02 October 2017 [NANOgentools EU Autumn School - Advanced Training in understanding the safety of nanomaterials \(Burgos, Spain\)](#)
- 03 October 2017 [9th Annual Pharmaceutical Chemical Analysis Congress \(Vienna, Austria\)](#)
- 08 October 2017 [NANOMATERIALS AND NANOTECHNOLOGY CONFERENCE \(Stockholm, Sweden\)](#)
- 09 October 2017 [3rd International Conference on Nanomaterials: Fundamentals and Applications \(Strbske Pleso, Slovakia\)](#)
- 09 October 2017 [National Nanotechnology Day \(USA\)](#)
- 10 October 2017 [INC 2017 Industrial Nanocomposites Conference \(Stuttgart, Germany\)](#)
- 10 October 2017 [3rd STAIR EMPIR workshop - From metrology research to standardization \(Brussels, Belgium\)](#)
- 10 October 2017 [Scientific Stakeholder Meeting on Nanomaterials in the Environment](#)
- 11 October 2017 [Nanosafety 2017 \(Saarbrücken, Germany\)](#)
- 12 October 2017 [Global Experts Meeting On Pharmaceuticals & Drug Delivery Systems \(Osaka, Japan\)](#)
- 16 October 2017 [1st Annual Conference of Quantum World \(Changsha\(in Hunan Province\) China\)](#)
- 16 October 2017 [11th World Drug Delivery Summit \(Baltimore, USA\)](#)
- 16 October 2017 [5th International Conference on Nanotechnology and Materials Science \(Dubai, UAE\)](#)
- 16 October 2017 [World Congress on Nano Science and Nano Technology \(Dubai, UAE\)](#)
- 16 October 2017 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Seoul, South Korea\)](#)
- 17 October 2017 [NNCI-National Nanotechnology Coordinated Infrastructure Meeting \(U Penn, USA\)](#)
- 18 October 2017 [Nanocon \(Brno, Czech Republic\)](#)
- 18 October 2017 [Applied Nanotechnology and Nanoscience International Conference – ANNIC 2017 \(Rome, Italy\)](#)
- 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 \(Kuala Lumpur, Malaysia\)](#)

## Featured Events



15th Anniversary HVM  
4th Graphene New Materials  
Conference Summit & Showcase



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.

- 19 October 2017 [Nanotechnology: The New Economy](#)
- 21 October 2017 [3rd International Conference on Nanoenergy and Nanosystems 2017 \(NENS2017\) \(Beijing, China\)](#)
- 24 October 2017 [2nd NanoDefine Industry-focused Workshop "Measurement and classification of nanomaterials according to the EU definition"](#)
- 24 October 2017 [The 7th World Annual Congress of Nano Science & Technology - 2017 \(Hilton Fukuoka Sea Hawk, Japan\)](#)
- 24 October 2017 [Safe Nanotechnology – Risk management, exposure and regulatory challenges - NanoMONITOR 2nd Stakeholders' Day \(Lancaster, UK\)](#)
- 25 October 2017 [ChiNano \(Suzhou, China\)](#)
- 26 October 2017 [13th International Conference on Advanced Materials and Nanotechnology \(Osaka, Japan\)](#)
- 29 October 2017 [Graphene Innovation Summit and Expo \(Nashville, USA\)](#)
- 02 November 2017 [International Conference and Exhibition on Biochemistry \(Illinois, USA\)](#)
- 02 November 2017 [Fourth Graphene & New Materials Conference 2017 \(GNM17\)](#)
- 06 November 2017 [22nd International Conference and Expo on Nanoscience and Molecular Nanotechnology \(Frankfurt, Germany\)](#)
- 06 November 2017 [Global Meet on Nanomedicine & Toxicology\(New Orleans, USA\)](#)
- 06 November 2017 [2nd World Congress and Expo on Graphene & 2D Materials \(Frankfurt, Germany\)](#)
- 07 November 2017 [International Meeting on Advanced Nanomaterials and Nanotechnology \(Singapore\)](#)
- 08 November 2017 [Global summit on Nano Science and Technology \(Orlando, Florida, USA\)](#)
- 08 November 2017 [International Summit on Nanotechnology and Medical Robots \(Orlean, USA\)](#)
- 08 November 2017 [16th International Conference on Nanoimprint and Nanoprint Technology \(NNT2017\) \(Changwon, Korea\)](#)
- 09 November 2017 [BIT's 1st World Congress of Biomedical Engineering-2017 \(Xian, China\)](#)
- 12 November 2017 [6th Biennial International Conference on Ultrafine Grained and Nano-Structured Materials \(Kish Island, Iran\)](#)
- 13 November 2017 [18th International Conference Nanotechnology Products And Expo \(Atlanta, USA\)](#)
- 13 November 2017 [13th International Conference and Exhibition on Materials Science and Engineering \(Las Vegas, Nevada, USA\)](#)
- 13 November 2017 [13th International Conference on Nanotek and Expo \(Atlanta, USA\)](#)
- 13 November 2017 [18th International Confefence Nanotechnology Products and Summit \(Atlanta, USA\)](#)
- 13 November 2017 [The Economist - The Future of Materials Summit \(Luxembourg\)](#)
- 15 November 2017 [2nd International Conference and Exhibition on Polymer Chemistry \(San Antonio, USA\)](#)
- 15 November 2017 [Graphene and 2D Materials \(Santa Clara, CA, USA\)](#)
- 16 November 2017 [2nd International Carbon Materials Conferece and Expo \(Beijung, Chaina\)](#)

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.

**Contact Information:**  
[BREC Solutions Limited](#)  
 43 Bank Road  
 Lancaster, LA1 2DG,  
 United Kingdom



tel (UK) +44 7887 931 658  
 tel (PL) +48 7 949 948 68  
 skype koltsov01  
 email [denis@brec-solutions.com](mailto:denis@brec-solutions.com)

<http://www.brec-solutions.com>

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- 16 November 2017 [International Conference on Materials Science and Research \(Dubai, UAE\)](#)
- 16 November 2017 [Nanotechnology for Instrumentation and Measurement Workshop \(Greater Noida, India\)](#)
- 17 November 2017 [Euro Smart Materials 2017 — 4th International Conference on Smart Materials & Structures](#)
- 20 November 2017 [International Conference and Exhibition on Nanotechnology & Materials Science \(DUBAI, UAE\)](#)
- 22 November 2017 [NanoBio&Med 2017 \(Barcelona, Spain\)](#)
- 23 November 2017 [17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care \(Melbourne, Australia\)](#)
- 23 November 2017 [International Conference And Exhibition On Nanomedicine and Nanotechnology \(Dubai, UAE\)](#)
- 26 November 2017 [The 2017 MRS Fall Meeting and Exhibit \(Boston, Massachusetts, USA\)](#)
- 29 November 2017 [International Conference on Nanochemistry \(Atlanta, USA\)](#)
- 30 November 2017 [FutureNanoNeeds Conference on Categorisation of Next Generation Nanomaterials](#)
- 01 December 2017 [IEEE-NANOMED 2017 \(Shenzhen, China\)](#)
- 04 December 2017 [Nanotech Middle East 2017 Conference and Exhibition \(NANOTECH ME 2017, Dubai, UAE\)](#)
- 07 December 2017 [20th International Conference on Biotech Pharmaceuticals December \(Madrid, Spain\)](#)
- 11 December 2017 [3rd International Conference on Lipid Science & Technology \(Rome, Italy\)](#)
- 11 December 2017 [Global Meeting On Materials Science & Nanotechnology \(Dubai, UAE\)](#)
- 12 December 2017 [NanoSD 2017 Conference \(Madrid, Spain\)](#)
- 12 December 2017 [International MicroNanoConference \(Amsterdam, Netherlands\)](#)
- 29 January 2018 [ICONN 2018 - International Conference on Nanoscience and Nanotechnology \(Australia\)](#)
- 29 January 2018 [International Conference & Workshop Dispersion Analysis & Materials Testing - SCIENTIFIC CONFERENCE \(Berlin, Germany\)](#)
- 07 February 2018 [NanoPortugal 2018 \(Lisbon, Portugal\)](#)
- 14 February 2018 [Nano tech 2018 international Nanotechnology Exhibition and Conference \(Tokyo, Japan\)](#)
- 26 February 2018 [2nd world summit on Nanotechnology and Nanomedicine Research \(](#)
- 27 February 2018 [ICNC 2018 : 20th International Conference on Nanoceramics and Composites \(Sydney, Australia\)](#)
- 05 March 2018 [International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale \(3M-Nano\) \(Hangzhou, China\)](#)
- 05 March 2018 [3rd Annual Conference and Expo on Biomaterials \(Berlin, Germany\)](#)
- 12 March 2018 [9th Global Drug Delivery & Formulation Summit \(Berlin, Germany\)](#)
- 13 March 2018 [ImagineNano 2018 \(Bilbao, Spain\)](#)
- 15 March 2018 [ICNN 2018 : 20th International Conference on Nanoscience and Nanotechnology \(London, UK\)](#)
- 15 March 2018 [International Conference on Nanomaterials and](#)

[Nanotechnology \(London, UK\)](#)

19 March 2018 [5th World Congress on Smart and Emerging Materials \(Bali, Indonesia\)](#)

22 March 2018 [16th International Conference on Emerging Materials and Nanotechnology \(Emerging Materials Congress 2018\) \(London, UK\)](#)

28 March 2018 [World Congress on Materials Characterization and Performance \(Orlando, USA\)](#)

28 March 2018 [World Congress on Materials Characterization and Performance](#)

09 April 2018 [14th International Conference and Exhibition on Nanomedicine and Pharmaceutical Nanotechnology \(Amsterdam, Netherlands\)](#)

11 April 2018 [Smart Systems Integration Conference & Exhibition 2018 \(Dresden, Germany\)](#)

16 April 2018 [6th World Congress and Expo on Nanotechnology and Material Science \(Valencia, Spain\)](#)

16 April 2018 [4th Global Nanotechnology Congress and Expo Dubai, UAE\)](#)

18 April 2018 [International Conference on Nanoscience & Nanoengineering \(Las Vegas, USA\)](#)

19 April 2018 [International Conference and Expo on Nanotechnology \(Dubai, UAE\)](#)

24 April 2018 [Nanoparticle concentration – critical needs and state-of-the-art measurement \(London, UK\)](#)

25 April 2018 [9th International Congress Nanotechnology in Biology & Medicine \(Graz, Austria\)](#)

26 April 2018 [17th Edition of International Conference on Emerging Trends in Materials Science and Nanotechnology \(Rome, Italy\)](#)

02 May 2018 [World Summit on Nanoscience & Nanoengineering \(Hawaii, USA\)](#)

07 May 2018 [24th World Nano Conference \(Rome, Italy\)](#)

07 May 2018 [3rd International Nanotechnology Conference & Expo \(Nanotech-2018, Rome, Italy\)](#)

10 May 2018 [12th Edition of International Conference on Tissue Engineering and Regenerative Medicine \(Frankfurt, Germany\)](#)

15 May 2018 [2nd International Conference and Exhibition on Pharmaceutical Development and Technology](#)

21 May 2018 [ICNST 2018 International conference on Nanoscience & technology \(New York, USA\)](#)

01 June 2018 [CTI Micro-Nano Event: a forum for the Swiss micro- and nanotechnologies sector](#)

06 June 2018 [Swiss NanoConvention CNC2018 \(ETH Zürich, Switzerland\)](#)

06 June 2018 [The Swiss NanoConvention 2018 \(ETH Zürich, Switzerland\)](#)

10 June 2018 [2nd International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'18\) \(Niagara Falls, Canada\)](#)

11 June 2018 [International Conference on Nanotechnology for Renewable Materials \(Wisconsin, USA\)](#)

14 June 2018 [3rd Global Congress & Expo on Materials Science & Engineering \(Rome, Italy\)](#)

20 June 2018 [Nanotech France 2018 Conference and Exhibition \(Paris,](#)

- France)
- 20 June 2018 [Nanotech France 2018 Conference and Exhibition \(NANOTECH FRANCE 2018\) \(Paris, France\)](#)
- 25 June 2018 [2nd World Congress and Expo on Nanotechnology and Materials Science \(Dubai, UAE\)](#)
- 26 June 2018 [Electrochemistry at Nano-interfaces: Faraday Discussion \(Bath, UK\)](#)
- 26 June 2018 [8th edition of Graphene Conference \(Dresden, Germany\)](#)
- 30 June 2018 [NANOTECHNOLOGY 2018 \(Thessaloniki, Greece\)](#)
- 30 June 2018 [12th International Summer School on Nanosciences & Nanotechnologies, Organic Electronics and Nanomedicine \(Thessaloniki, Greece\)](#)
- 02 July 2018 [8th International Exhibition Nanotechnologies, Organic Electronics and Nanomedicine \(Thessaloniki, Greece\)](#)
- 02 July 2018 [International Symposium on Flexible Organic & Printed Electronic \(Thessaloniki, Greece\)](#)
- 03 July 2018 [15th International Conference on Nanoscience and nanotechnology \(Thessaloniki, Greece\)](#)
- 04 July 2018 [The annual International Conference on Manipulation, Automation and Robotics at Small Scales \(MARSS 2018\) \(Nagoya, Japan\)](#)
- 15 July 2018 [19th International conference on the Science and Applications of Nanotubes and Low-Dimensional Materials \(Beijing, China\)](#)
- 11 September 2018 [InterNanoPoland 2018 \(Poland\)](#)
- 18 September 2018 [9th International Conference on Nanotoxicology \(Neuss, Germany\)](#)
- 19 September 2018 [NanoTox 2018 \(Düsseldorf, Germany\)](#)
- 27 September 2018 [Recent advances in cellulose nanotechnology research: Production, characterization and applications \(\)](#)
- 08 October 2018 [5th International Conference on Competitive Materials and Technology Processes \(ic-cmp5\) \(Miskolc-Lillafured, Hungary\)](#)
- 15 October 2018 [13th IEEE Nano Materials & Devices Conference \(NMDC 2018\) \(Portland, Oregon, USA\)](#)
- 23 February 2019 [ICNC 2019 : 20th International Conference on Nanoceramics and Composites \(Sydney, Australia\)](#)
- 29 March 2019 [ICNN 2019 : 21st International Conference on Nanoscience and Nanotechnology \(Paris, France\)](#)