

Nanotechnology Newsletter



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Newsletter issue 057
20 December 2017

*Merry Christmas and Happy New 2018!
from BREC Solutions*



Welcome to our nanotechnology newsletter. Let us wish you all Merry Christmas and Happy New Year. All our best wishes and thoughts. This year was our 10th year in business and we would also like to thank our colleagues and clients for their ongoing support and cooperation.

Nanotechnology News

It has been nearly 3 months since our last newsletter issue. This shows how busy it can get with October and November being full of meetings like ISO TC24/SC4 (Irvine, USA) and ISO TC229 (Seoul, Korea). We hope that this newsletter will allow our readers to catch up on a very busy nano-news season. Several regulators rolled out their guidelines or consulted on future steps forward. [ISO](#), [US FDA](#), [OECD](#), [WHO](#), [Umweltbundesamt](#), [KEMI](#) and [ECHA](#) issued their reports or documents. News from private sector were from [Samsung](#), [Intel](#), [Lamborghini](#), [GB Scineces](#), [Nanotech Engineering Inc](#), [OCSiAl](#), [Nantronics](#), [Nanobiotix](#), [Fresnel inc](#) and [NanoCnet](#).

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](#).





[FDA Will Publish Draft Guidance on Drug Products, Including Biological Products, that Contain Nanomaterials](#)



[Presentations Available from ECHA Webinar on REACH Guidance for Nanomaterials](#)



[WHO Publishes Guidelines on Protecting Workers from Potential Risks of Manufactured Nanomaterials](#)



[ISO Publishes Standard on Aquatic Toxicity Assessment of Manufactured Nanomaterials in Saltwater Lakes](#)



[A critical look at the European Union Observatory for Nanomaterials](#)



Kemikalieinspektionen

[Sweden Announces Product Registration Requirement for Nanomaterials](#)



Umwelt Bundesamt

[Umweltbundesamt publishes a new report: Considerations about the relationship of nanomaterial's physicalchemical properties and aquatic toxicity for the purpose of grouping](#)



[Samsung develops 'graphene ball' to speed up battery charging](#)



[EC Posts Comments Received on Draft Regulation to Amend REACH Annexes to Address Nanomaterials](#)



[UK-China Join Hands in Standardising Global Graphene Practices](#)



def-i-ni-tion n. 1. The teacher gave de of the new words. of an image (pict -- w/L screen

[EU nano definition 'too broad', industry says](#)



NanoTechnology Investor Club

Who should join: investors, innovators & entrepreneurs.

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

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.



[Lamborghini Terzo Millennio concept constructed using nanomaterials](#)



[REACH annex nano revision 'not future proof'](#)



[OECD publishes CONSUMER AND ENVIRONMENTAL EXPOSURE TO MANUFACTURED NANOMATERIALS guidelines](#)



[Peta UK calls for suspension of REACH nanomaterials consultation](#)



[Newly patented formulation based on nanotechnology will offer neuropathic pain relief](#)



[New York Household Cleansing Product Information Disclosure Program Could Target Nanomaterials](#)



[European Trade Union Institute Publishes Policy Brief on EUON](#)



[NanoMONITOR made progress during its General Assembly Meeting](#)



[The European Union Observatory for Nanomaterial has been launched by ECHA](#)



[This Disruptive Nanotechnology Company is taking over \\$250 Billion Solar Industry](#)



[Intel Corp. Reveals New Detail About Upcoming 10-Nano Tech](#)



[Nanobiotix completes patient enrolment in soft tissue sarcoma trial](#)



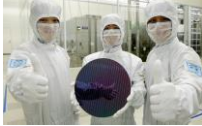
[NANOTECHNOLOGY FOILS OPENS UP NEW PACKAGING DESIGN VISTA](#)

Our partners:





[Microbubble contrast agents are able to significantly enhance ultrasound](#)



[For Mass-Production : Samsung Completes Development of 8-nano Semiconductor Foundry Process](#)



[OCSIAL Nanotube production facility in Luxembourg to be built](#)



[OECD Publishes: SILVER NANOPARTICLES: SUMMARY OF THE DOSSIER Series on the Safety of Manufactured Nanomaterials\(83\)](#)



[Nanotechnology innovation safety aspects - the case of graphene](#)



[Innovation Fund Announces National Funding for Promoting Biomedical Technologies](#)



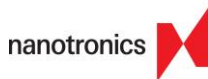
[European Union Wants More Information on Companies' Nanomaterials](#)



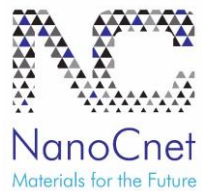
[EC Proposes to Amend REACH Annexes to Address Nanomaterials](#)



[NANOREG Toolbox for the Safety Assessment of Nanomaterials](#)



[Nanotronics raises \\$30 million for automated microscope tech](#)



[Waterloo startup NanoCnet rolls out next gen Nanomaterial for flexible transparent electrodes](#)



[China Creates LiFi Nanomaterial to Replace WiFi](#)

Events of Interest

- 24 January 2018 [CEN TC352 \(Nanotechnologies\) Plenary meeting \(Brussels, Belgium\)](#)
- 29 January 2018 [ICONN 2018 - International Conference on Nanoscience and Nanotechnology \(Australia\)](#)
- 29 January 2018 [International Conference & Workshop Dispersion Analysis & Materials Testing - SCIENTIFIC CONFERENCE \(Berlin, Germany\)](#)
- 31 January 2018 [Nano World Cancer Day: Precision medicine for people – smart biomarkers, nanotechnologies & more](#)
- 07 February 2018 [NanoPortugal 2018 \(Lisbon, Portugal\)](#)
- 14 February 2018 [Nano tech 2018 international Nanotechnology Exhibition and Conference \(Tokyo, Japan\)](#)
- 15 February 2018 [2nd world summit on Nanotechnology and Nanomedicine Research \(Oxford, UK\)](#)
- 27 February 2018 [ICNC 2018 : 20th International Conference on Nanoceramics and Composites \(Sydney, Australia\)](#)
- 27 February 2018 [Nanomedicine Austria Day \(Graz, Austria\)](#)
- 28 February 2018 [Open Campus: Future of Nanomedicine \(Graz, Austria\)](#)
- 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 \(Berlin, Germany\)](#)
- 12 March 2018 [The 2018 Materials Research Exchange Conference](#)
- 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 \(London, UK\)](#)
- 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 \(Orlando, USA\)](#)
- 30 March 2018 [Fifth International Conference: "Nanotechnology, Biotechnology and Spectroscopy: tools of success in the coming Era" \(Giza, Egypt\)](#)
- 02 April 2018 [Upcon 2018 - 2 nd Conference and Spring School on Properties, Design and Applications of Upconversion Nanomaterials \(Valencia, Spain\)](#)
- 09 April 2018 [14th International Conference and Exhibition on Nanomedicine and Pharmaceutical Nanotechnology \(Amsterdam, Netherlands\)](#)
- 09 April 2018 [International Conference on Materials Science and Graphene Technology 2018 \(Dubai, UAE\)](#)

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 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

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

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- 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\)](#)
- 16 April 2018 [5th Annual Congress on Chemistry in Drug Discovery & Designing \(Dubai, UAE\)](#)
- 18 April 2018 [International Conference on Nanoscience & Nanoengineering \(Las Vegas, USA\)](#)
- 18 April 2018 [International Conference on Nano Medicine and Nanoparticles \(Las Vegas, USA\)](#)
- 19 April 2018 [5th World Congress on Smart and Emerging Materials \(Dubai, UAE\)](#)
- 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](#)
- 17 May 2018 [Annual Pharmaceutical Biotechnology Congress \(Singapore\)](#)
- 21 May 2018 [ICNST 2018 International conference on Nanoscience & technology \(New York, USA\)](#)
- 21 May 2018 [Global Experts Meeting On Biomedicine & Pharmacotherapy \(Singapore\)](#)
- 21 May 2018 ISO TC229 Interim meeting for WG3, WG4 and WG5 (London, UK)
- 21 May 2018 [International Conference and Exhibition on Nanomedicine and Drug Delivery](#)
- 28 May 2018 [13th annual meeting of the European Technology Platform on Nanomedicine \(Berlin, Germany\)](#)
- 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 \(Rome, Italy\)](#)
- 18 June 2018 [The 2018 E-MRS Spring Meeting and Exhibit](#)
- 18 June 2018 [Summer School 2018 on Nano - Scale Crystallography for Bio and Materials Research \(Tel Aviv, Israel\)](#)
- 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 \(Dubai, UAE\)](#)
- 25 June 2018 [2nd World Congress & Expo on Biotechnology and Bioengineering](#)
- 26 June 2018 [Electrochemistry at Nano-interfaces: Faraday Discussion \(Bath, UK\)](#)
- 26 June 2018 [8th edition of Graphene Conference \(Dresden, Germany\)](#)
- 27 June 2018 [Nanotech France 2018 Conference and Exhibition \(Paris, France\)](#)
- 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 \(Beijing, China\)](#)
- 15 July 2018 [26th annual International Conference on Composites or Nano Engineering, ICCE-26 \(Paris, France\)](#)
- 16 July 2018 [International Conference On Nano Technology and Nano Engineering \(Paris, France\)](#)
- 22 July 2018 [Global Conference on Magnetism and Magnetic Materials \(Osaka, Japan\)](#)
- 16 August 2018 [12th Edition of International Conference on](#)

- [Nanopharmaceutics and Advanced Drug Delivery \(Dublin, Ireland\)](#)
- 19 August 2018 [The 9th International Conference on Nanotechnology: Fundamentals and Applications \(ICNFA'18\) \(Mardid, Spain\)](#)
- 20 August 2018 [International Conference on Semiconductors, Optoelectronics and Nanostructures \(Paris, France\)](#)
- 20 August 2018 [ICCE2018: 7th International Conference & Exhibition on Clean Energy \(Quebec, Canada\)](#)
- 27 August 2018 [3rd International Conference on Molecular Biology & Nucleic Acids \(Toronto, Ontario, Canada\)](#)
- 02 September 2018 [11th European and Global Summit for Clinical Nanomedicine, Targeted Delivery and Precision Medicine \(Basel, Switzerland\)](#)
- 03 September 2018 [16th World Medical Nanotechnology Congress \(Tokyo, Japan\)](#)
- 04 September 2018 [21st International Conference on Advanced Materials & Nanotechnology \(Zürich, Switzerland\)](#)
- 10 September 2018 [30th Annual Congress on Nanotechnology & Nanomaterials \(Stockholm, Sweden\)](#)
- 11 September 2018 [InterNanoPoland 2018 \(Poland\)](#)
- 17 September 2018 [24th World Congress on Nanomaterials and Nanotechnology \(Beijing, China\)](#)
- 18 September 2018 [9th International Conference on Nanotoxicology \(Neuss, Germany\)](#)
- 19 September 2018 [NanoTox 2018 \(Düsseldorf, Germany\)](#)
- 19 September 2018 [22nd International Conference on Advanced Materials and Nanotechnology \(Tokyo, Japan\)](#)
- 27 September 2018 [Recent advances in cellulose nanotechnology research: Production, characterization and applications \(\)](#)
- 02 October 2018 [3rd open meeting on Standardisation for Nanotechnologies \(Brussels, Belgium\)](#)
- 03 October 2018 [4th International Conference on Biochemistry & Biophysics Los Angeles, USA\)](#)
- 04 October 2018 [26th International Conference on Advanced Nanotechnology \(Moscow, Russia\)](#)
- 08 October 2018 [5th International Conference on Competitive Materials and Technology Processes \(ic-cmtp5\) \(Miskolc-Lillafured, Hungary\)](#)
- 08 October 2018 [CEN TC352 \(Nanotechnologies\) Plenary meeting \(Berlin, Germany\)](#)
- 15 October 2018 [13th IEEE Nano Materials & Devices Conference \(NMDC 2018\) \(Portland, Oregon, USA\)](#)
- 15 October 2018 [20th Asia Pacific Nanotechnology Congress \(Osaka, Japan\)](#)
- 05 November [18th Annual Pharmaceutical Chemical Analysis](#)

2018 [Congress \(Madrid, Spain\)](#)
23 February 2019 [ICNC 2019 : 20h International Conference on
Nanoceramics and Composites \(Sydney, Australia\)](#)
29 March 2019 [ICNN 2019 : 21st International Conference on
Nanoscience and Nanotechnology \(Paris, France\)](#)

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