

# 纳米技术通讯



电子报052

2017年3月31日

欢迎来到我们的纳米技术通讯。 本通讯旨在涵盖最新纳米技术在行业，创新，标准和监管方面的新闻和发展。 为确保您收到纳米技术通讯，请将denis@brec-solutions.com添加到您的通讯录或安全发送者列表中。 如果有人将此通讯转发给您，并且您想要注册，[请按照此链接](#)。

## 纳米技术新闻

2017年3月份最伟大的议题之一是石墨烯，涉及中国的专利战略，创新战略和投资。石墨供应过剩的迹象表明可能影响石墨烯的价格下滑。尽管Haydale表现出非常积极的成长，并且谈到石墨烯甚至达到国会山。在欧盟，欧洲化学品管理局被建议改变纳米材料监管战略，纳米安全集团发布其报告，纳诺康德正在发布其可交付成果，欧洲委员会修订影响“纳米设备”的医疗器械指令，SCCS考虑了三种类型的纳米TiO<sub>2</sub>安全的化妆品应用程序。ISO TC229和IEC TC113发布了具有2D材料标准的纳米功能电工产品和系统的词汇标准（ISO / IEC TS 80004-13，纳米技术 - 词汇 - 第13部分：石墨烯和相关的二维（2D）材料）也正在提交出版。Tim Harper和Jiri Kus出现了有趣的意见，NIA对KEMI通报计划作出了反应。标题中的公司是：Haydale和Nanobiotix。

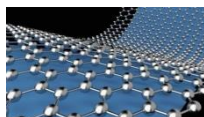
## 关于BREC解决方案



BREC Solutions是一家独立的咨询公司，在纳米技术创新，标准，市场评估和监管方面具有专业性。Koltsov博士是ISO TC229的主席，NanoReg2战略委员会成员和nanoDefine利益相关者小组成员。



[2016's Top Patent and Trade Secret Developments for Chemistry and Nanotechnology](#)



[Graphene Patents and China's Strategy](#)



[Echa sent back to drawing board on nanoform information requests](#)



[ISO Publishes Standard on Vocabulary for Nano-Enabled Electrotechnical Products and Systems](#)



[NanoSafety Cluster Research Regulatory Roadmap 2017](#)

3月份，BREC参加了诸如CEN TC352（纳米技术标准委员会）和JIIP NanoData和Scenario大楼项目会议等多个活动。我们感谢JIIP组织者和合作伙伴的邀请。BREC网络也在不断壮大，我们欢迎一些纳米技术相关领域的世界专家。

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[Withdraw nano register proposal, NIA tells Sweden's Kemi](#)



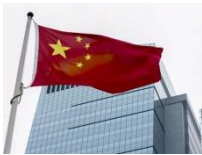
[NanoReg is about to publish results](#)



[Council releases Position on Medical Devices Regulation ahead of European Parliament committee vote on 21 March - UPDATE](#)



[SCCS considers Three coated Nano TiO2 Safe for use as UV-filter in Cosmetics](#)



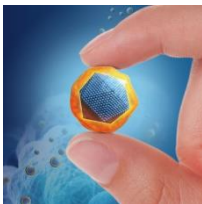
[China building world's largest nano research facility](#)



[Haydale Graphene's revenues rise 90% after major expansion](#)



[IM Graphite 2017: High supply situation in graphite to continue](#)



[Nanobiotix receives green light to continue clinical trial](#)



[Tour testifies on Capitol Hill about graphene 'space race'](#)



[Interview of the Chairman of the Czech Association of Nanotechnology Industry - Nanotechnology represents a promising industry](#)

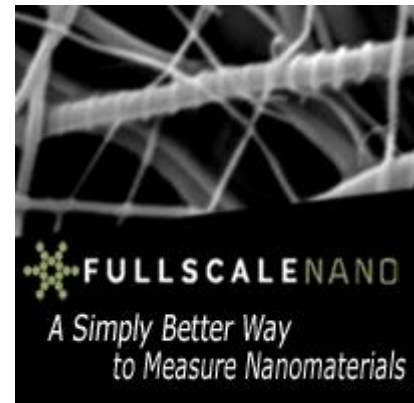


[China to strengthen support for graphene](#)



本手册正在修改中，并将很快更新。

我们的伙伴：



## Events of Interest

- 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 [ICNNFC'17 — 2nd International Conference on Nanomaterials, Nanodevices, Fabrication and Characterization \(Barcelona, Spain\)](#)
- 04 April 2017 [The 2nd International Conference on Nanotechnology and Environmental Issues \(ICNEI'17\)](#)
- 04 April 2017 [NanoMONITOR 1st stakeholders' day \(Valencia, Spain\)](#)
- 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 \(Saarbrücken, Germany\)](#)
- 06 April 2017 [HiPerNano 2017 -The Knowledge Transfer Network\(London, United Kingdom\)](#)
- 09 April 2017 [2017 IEEE 12th International Conference on Nano/Micro Engineered and Molecular Systems \(NEMS, Los Angeles, United States \)](#)
- 12 April 2017 [NanoDay in Pardubice](#)
- 17 April 2017 [The 2017 Materials Research Society Spring Meeting \(Phoenix, Arizona, USA\)](#)
- 24 April 2017 [Hannover Messe 2017 - With dedicated Micro-Nano-Area \(Hannover, Germany\)](#)
- 24 April 2017 [Nanomaterials : Industrial Workshop on Safe-By-Design \(Bilbao, Spain\)](#)
- 24 April 2017 [International Conference and Exhibition on Pharmaceutical Development and Technology \(Dubai, UAE\)](#)
- 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,](#)

## Featured Events



Commercialisation of  
nanomaterials  
7 June 2017 London



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

22-23.06.2017 **Katowice, PL**



**Biggest Polish  
Business to Science  
International Conference**  
[www.internanopoland.com](http://www.internanopoland.com)



- 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 \(Washington DC, USA\)](#)
- 22 May 2017 [European Materials Research Society \(E-MRS\),\(Strasbourg, France\)](#)
- 28 May 2017 [11th International Conference on New Diamond and Nano Carbons 2017 \(Cairns, Australia\)](#)
- 29 May 2017 [International Conference on Oxide Materials for Electronic Engineering – fabrication, properties and application, Lviv, Ukraine](#)
- 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 [Trends in Nanotechnology International Conference \(TNT2017\),\(Dresden, Germany\)](#)
- 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,](#)

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- [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 [4th Annual Congress on Drug Discovery & Designing \(Bangkok, Thailand\)](#)
- 04 July 2017 [International Conference on Advanced Graphene Materials and Semiconductors \(Dubai, U.A.E. \)](#)
- 04 July 2017 [International Conference on Nanotechnology & Nanomaterials \(Dubai, UAE\)](#)
- 07 July 2017 [2ND INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY AND NANOMATERIALS IN ENERGY \(ICNNE2017\) \(Lyon, France\)](#)
- 11 July 2017 [The 9th International Conference on Advanced Materials \(ROCAM 2017, Bucharest, Romania\)](#)
- 12 July 2017 [nano Korea 2017 \(Seoul, Korea\)](#)
- 15 July 2017 [ISER-196th International Conference on Nanoscience, Nanotechnology & Advanced Materials \(IC2NAM\)\(Beijing, China\)](#)
- 16 July 2017 [The Twenty-Fifth Annual International Conference on COMPOSITES/NANO ENGINEERING \(ICCE-25\) \(Rome, Italy\)](#)
- 17 July 2017 [3rd International Conference on Organic & Inorganic Chemistry Chicago, Illinois, USA](#)
- 17 July 2017 [International WE-Heraeus-Physics School on Exciting nanostructures: Probing and tuning the electronic properties of confined systems \( Physikzentrum Bad Honnef, Germany \)](#)
- 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 \(ANM2017 Avelro, Portugal\)](#)
- 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 \(Vancouver, Canada\)](#)

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

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

07 August 2017 [7th International Conference on Manipulation, Manufacturing and on the Nanoscale \(3M-NANO \) \(Shanghai, China\)](#)

07 August 2017 [ICANM 2017: International Conference & Exhibition on Advanced & Nano Materials \(Toronto, Canada\)](#)

13 August 2017 [Goldschmidt2017 \(Paris, France\)](#)

21 August 2017 [3rd Global Nanotechnology Congress and Expo \(Dallas, USA\)](#)

22 August 2017 [22nd International Conference of FFC - 10th International Symposium of ASFFBC \(Boston, MA, USA\)](#)

22 August 2017 [1st European Conference on Chemistry of Two-Dimensional Materials \(Chem2DMat\)\(Strasbourg, France\)](#)

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 \(Brussels, Belgium\)](#)

03 September 2017 [12th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials \(ICEENN 2017\) \(Birmingham, UK\)](#)

07 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 \(Barcelona, Spain\)](#)

18 September 2017 [International Conference on Nanotechnology and Nanoscience \(Amsterdam, Netherlands\)](#)

18 September 2017 [2017 E-MRS Fall Meeting and Exhibit \(Warsaw, Poland\)](#)

25 September 2017 [8th Annual Pharmaceutical Analysis Congress \(Vienna, Austria\)](#)

25 September 2017 [International Conference On Nanomedicine And Nanobiotechnology – ICONAN 2017 \(Barcelona, Spain\)](#)

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 [BIPM Workshop: The Quantum Revolution in Metrology \(Paris, France\)](#)

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

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 \(Miskolc, Hungary\)](#)

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 \(Dubai, UAE\)](#)

- 16 October 2017 [9th Annual Congress on Drug Design & Drug Formulation During \(Seoul, South Korea\)](#)
- 16 October 2017 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Seoul, South Korea\)](#)
- 18 October 2017 [Nanocom \(Brno, Czech Republic\)](#)
- 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 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Kuala Lumpur, Malaysia\)](#)
- 24 October 2017 [The 7th World Annual Congress of Nano Science & Technology - 2017 \(Hilton Fukuoka Sea Hawk, Japan\)](#)
- 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 [International Conference and Exhibition on Biochemistry \(Illinois, USA\)](#)
- 02 November 2017 [4th HVM Graphene + New Materials 2017 \(Cambridge, UK\)](#)
- 06 November 2017 [22nd International Conference and Expo on Nanoscience and Molecular Nanotechnology \(Vienna, Austria\)](#)
- 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 Biennial International Conference on Ultrafine Grained and Nano-Structured Materials \(Kish Island, Iran\)](#)
- 13 November 2017 [18th 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 [18 th Nanotechnology Products and Summit \(Atlanta, USA\)](#)
- 13 November 2017 [Global Nanomaterials Congress \(Singapore\)](#)
- 20 November 2017 [International Conference and Exhibition on Nanotechnology & Materials Science \(DUBAI, UAE\)](#)
- 23 November 2017 [17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care \(Melbourne, Australia\)](#)



- 26 November 2017 [The 2017 MRS Fall Meeting and Exhibit \(Boston, Massachusetts, USA\)](#)
- 11 December 2017 [3rd International Conference on Lipid Science & Technology \(Rome, Italy\)](#)
- 01 January 2018 [International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale \(3M-Nano\) \(Hangzhou, China\)](#)
- 14 March 2018 [ICNN 2018 : 20th International Conference on Nanoscience and Nanotechnology \(London, UK\)](#)
- 29 March 2019 [ICNN 2019 : 21st International Conference on Nanoscience and Nanotechnology \(Paris, France\)](#)
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