

Nanotechnology Newsletter

31 March 2022

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Newsletter issue 075

Welcome

Welcome to our latest BREC Nanotechnology newsletter (Feb/March 2022 issue 075).

NanoWorld Images Competition

We have a new call for all our contacts and partners to send us their best images of the NanoWorld. The image has to be high resolution and should have an explanation (story behind it). The winners will be posted in our newsletter.



[Novel Method Produces High-Quality](#)

[Graphene](#) Snowflakes etched in graphene at Skoltech. The light areas are graphene, and the dark ones are oxidized copper. The snowflake pattern emerged as the surrounding graphene was etched away by carbon dioxide in one of the experiments before the optimal gas composition was found. Image Credit: Artem Grebenko/Skoltech

BREC Update

BREC recently published a comprehensive report on Fine Bubble Technology:

[Global report on Fine Bubble Technology: Technology, Markets, Applications](#)



Follow this [link](#) for further information

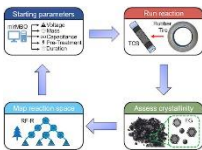
Nanotechnology News



[VERSARIEN SHOWCASES NEW PRODUCTION FACILITY IN FOREST OF DEAN](#)



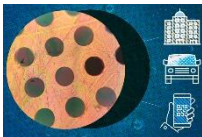
[Concrete to conduct electrical currents](#)



[Machine learning fine-tunes flash graphene](#)



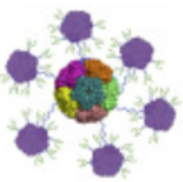
[EC Notifies WTO of Draft Amendment to Cosmetics Regulation to Prohibit Certain Nanomaterials](#)



[MIT researchers manage to create a 2D polymer material for the first time](#)



[AEH Innovative Hydrogel Limited announced that the company received a £3.5 million investment from agri-tech leader Terra Sana Holdings.](#)



[Novel nanoparticle SARS-CoV-2 vaccine combines immune focusing and self-assembling nanoparticles to elicit more potent protection](#)



[Nanotechnology creates new lightweight suits for firefighters](#)



[Nanotechnology's Potential to Resolve Drill-Fluid Problems in Oil and Gas Industry](#)

Current Discussions

We now have our own [Tik Tok channel](#)



Our partners:





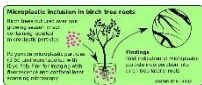
[7 ways nanotech improves drone motion control](#)



[Sealants made from nanomaterials could make concrete more durable](#)



[Terray seeks to combine nanotechnology, AI Start-up raises \\$60 million for platform that does drug discovery on microarrays](#)



[Birch trees remove microplastics from the soil](#)



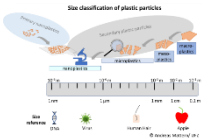
[Tackling Water Shortages through Graphene-Based Nanofiltration](#)



[Recent Progress in Graphene- and Related Carbon-Nanomaterial-based Electrochemical Biosensors for Early Disease Detection](#)



[Haydale to lead project for high barrier monolayer films for food packaging](#)



[Are nanoplastics hazardous? The way forward to overcome the uncertainties of risk assessment](#)



[GRAPHENE INNOVATOR VERSARIEN LAUNCHES FUTURISTIC 3D PRINTED LIFESTYLE PODS](#)

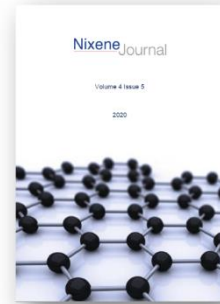


[Polymer Nanocomposites in the Marine Industry](#)



[Novel Method Produces High-Quality Graphene](#)

NixeneJournal





[European grant to enable the development of supercapacitors based on nitrogen-doped graphene](#)

Events of Interest

- 18/04/2022 [3rd International Conference on Nanomaterials, Nanofabrication and Nanocharacterization \(NANOMACH\) \(Oludeniz, Turkey\)](#)
- 25/04/2022 [World Nanotechnology Conference \(Las Vegas, USA\)](#)
- 08 May 2022 [ASTM E56 \(Nanotechnologies\) Sheraton Denver Downtown Hotel; Denver, CO US](#)
- 11/05/2022 [World Congress of Advanced Materials 2022 \(WCAM-2022\) \(Tokyo, Japan\)](#)
- 16 May 2022 [ASTM E56 \(Nanotechnologies\) Hyatt Regency Seattle; Seattle, WA US](#)
- 23 May 2022 [Scholars Frontiers in Nanoscience and Nanotechnology Congress \(HYBRID EVENT\) \(Rome Italy\)](#)
- 27 May 2022 [21st International Conference on Nanotechnology and Nanomaterials \(Zurich, Switzerland\)](#)
- 15 June 2022 [Nanotech France 2022 International Conference](#)
- 19/06/2022 [22nd International Conference on the Science and Application of Nanotubes and Low-Dimensional Materials \(NT22\) \(Suwon, South Korea\)](#)
- 22/06/2022 [2nd Global Conference on Advanced Nanotechnology and Nanomaterials \(Berlin, Germany\)](#)
- 02 July 2022 [16th International Summer Schools on Nanosciences & Nanotechnologies, Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)
- 05 July 2022 [12th NANOTECHNOLOGY Expo 2022](#)
- 05 July 2022 [19th International Conference on Nanosciences and Nanotechnologies \(Thessaloniki, Greece\)](#)
- 14 July 2022 [International Nanotechnology and Nanomedicine Conference \(London, UK\)](#)
- 19/09/2022 [4th World Nanotechnology Summit Worldnano-2022 \(Miami, FL, USA\)](#)
- 21/09/2022 [World Nanotechnology Conference \(Paris, France\)](#)
- 21/10/2022 [NanoCanada - From Earth to Space Conference \(online\)](#)
- 31 October 2022 [ASTM E56 \(Nanotechnologies\) Sheraton New Orleans; New Orleans, LA US](#)

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