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Dear Readers

I hope you will all enjoy the summer break. We have a few announcements, especially one event just after the summer that could be of interest to you, the NIBS (Nanotechnology and Innovation in the Baltic Sea Area) conference with a session dedicated to business development. An important issue concerning the many new inventions that we see. We will have a look back on our sensor application workshop that many found very interesting and we provide a link to the presentations that we were allowed to share. And then we can provide you with some latest developments that we did in the CheckNano project.

Please share this newsletter with interested parties.

Have a great summer!

Yours sincerely,

Katharina on behalf of the CheckNano team



## Sensor applications based on nano-and micro-technologies

With more than 100 online participants this event attracted a lot

field of applications from the research phase as well as applied methods. Session one covered the applications for healthcare and session two had a focus on Nano-particle detection for nano-safety. Although both topics are not strictly separated.

Read briefly what the talks were about and find links to the presentations that we're allowed to share [here](#).



### **NIBS conference online from 4-6 August**

For the first time, this conference will be all virtual with a three days programme including a poster session and best poster award. From the CheckNano project, we contribute with a session on 5 August: From bright ideas to business.

Four examples from startups to relatively new companies will demonstrate how they master the challenges they face.

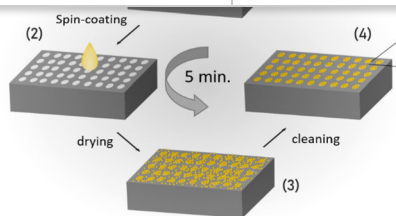
Find the programme and details on the [webpage](#).

Abstract submission is possible until 15 July.

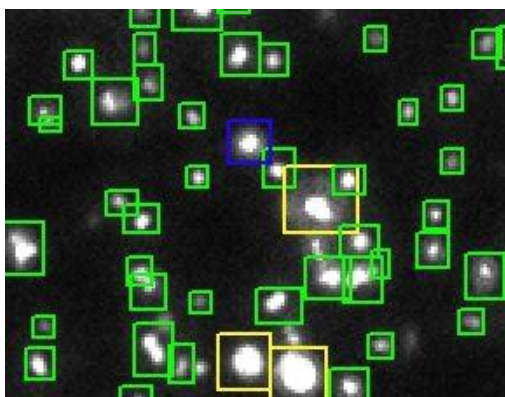
Register until August 1

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**Template assisted  
particle assembly as an  
innovative route for fast**



In the CheckNano project, we have developed two alternatives and scalable approaches to engineer multi-scale particle arrays, based on capillary force assisted nanoparticle assembly (CAPA) and rapid template-assisted trapping of silver nanospheres with topographically patterned polydimethylsiloxane moulds (PDMS). [Read more](#)



## Nanoparticle detection with imaging techniques

At CCM ELECTRONIC ENGINEERING, they develop a method to distinguish nanoparticles from images taken in darkfield microscopy. The aim is to detect the particles' speed and determine their size according to the Brownian motion model. Ricky Jacobsen describes the procedure for us. [Read more](#)

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