

From Nanotechnologies to Key Digital Technologies

A joint virtual event, 18th of November, 2018

Part I (9-11 a.m.) and **Part II** (3-5 p.m. Bucharest time, GMT + 2 h.)

Program of the Joint Event

Part I (9-11 a.m.) Nanotechnologies and Internet of Things (IoT)

Technical event organized by

IEEE Romania Nanotechnology Chapter NANO 42, <http://link2nano.ro/NANO42/>

This event explains how we can go from *nanosensors* to *networks of sensors* and *Internet of Things* (IoT), particularly for applications in health. Then, we learn about the *evolution of digital systems* related to IoT, back to recent advances in electronics based on *nanotechnology*. The first two talks presented by two IEEE Distinguished Lecturers from New-Delhi and Singapore, respectively, are completed by a presentation of the special guest, the Scientific Director of CEA-LETI (Grenoble). Real time debate (questions and answers) with the audience. Preliminary registration (free of charge) is mandatory for access to the link Zoom/Meeting.

Full details about the **program** and **registration**: https://link2nano.ro/NANO42/nano_iot.php.
See also (on official IEEE site): <https://events.vtools.ieee.org/m/247349>

Part II (3-5 p.m.) International cooperation in advanced technologies

National Seminar on Nanoscience and Nanotechnologies, 2020 edition,
<https://www.link2nano.ro/acad/SNN/> (in Romanian)

Under the aegis of the Romanian Academy, with support from the European Commission

At the above-mentioned event, experts of the European Commission will approach the following topics. First, *European Partnerships in Horizon Europe*, will focus on public-private partnership in advanced technologies, such as *Key Digital Technologies*, promoted by ECSEL, funding innovation in electronic components and systems. Secondly, it is about the role of European Innovation Council, guiding a pathfinder for rapid and successful application of *Future and Emerging Technologies* (FET). In the second part of the event, two representatives of Romanian research institutes with a high-performance in European projects will join the EC experts in a debate on advanced technologies, Real time *Questions and Answers*. Preliminary registration (free of charge), distinct for this second part, is mandatory for getting access.

Full details about the **program** and **registration**: <https://link2nano.ro/NANO42/ronact.php#ev>

Supporting organisations of the joint event

FRMNE (<https://www.link2nano.ro/acad/FRMNE/>): **Forum of Romanians in Micro- and Nanoelectronics**, Romanian Academy, Commission for Science and Technology of Microsystems (STMS), <http://www.link2nano.ro/acad/engl.php>. *E-news FRMNE*: <https://www.link2nano.ro/acad/FRMNE/e-news.html>.

ASTEGI (**Association for Generic and Industrial Technologies**), www.astegi.ro (in Romanian). *Electronic bulletin* at <https://astegi.ro/e-news.html> (in Romanian).