

KETGATE

7th KETGATE Newsletter

CE1188 Central European SME Gateway to key-enabling technology
infrastructures - sparking a new transnational KET Innovation Ecosystem

Project Aim

Enabling a Central Europe - wide access to highly competent KET
technology and infrastructure services for SMEs irrespective of their
location

PROJECT NEWS

KET INFO DAYS IN VENICE

Veneto Innovazione presented companies from the Veneto region the opportunities offered by the European network of KETGATE Points. KETGATE Point showed how it can assist SMEs in assessing the capacity for innovation, in seeking the most suitable research and technology organization. It also

explained how it can facilitate the launch of international collaborations to bring new products to the market.

[\(READ MORE\)](#)

LEADING SLOVENIAN INSTITUTE IN THE FIELD OF BUILDING AND CIVIL ENGINEERING IS JOINING THE KETGATE NETWORK

Joseph Stefan Institute established a connection with Slovenian National Building and Civil Engineering Institute (ZAG) in order to perform the twinning measures and bring their expertise into the KETGATE network.

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TWINNING ACTIVITIES

In June and July, the representatives of KETGATE project performed visits in 3 countries. The main results of the performed twinning visits are concrete action plans within KETGATE that pave the way to the sustainability and the profitability of the KETGATE points way beyond the end of the project.

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JOINING FORCES TO MAKE SMEs STRONGER

Project How to overcome the lack of organized business and clusters? The lack of specific knowledge for the industry and missing specialised laboratories or information centres? Partners of both projects *STRONGER* and *KETGATE* met to find common solutions and provide better support to SMEs.

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Crédit: Michaela Lorber

MULTIMODAL SIMULATION IN DEMENTRIA USING SERIOUS GAMES

The Institute DIGITAL of JOANNEUM RESEARCH and AAL Austria presented and explained the innovative approach of multimodal stimulation by means of the Workshop “Telehealth Applications for Aging Well-Existing Solutions, Best Practices, and Future Challenges”, during the dHealth 2019 conference at Schonbrunn Palace in Vienna.

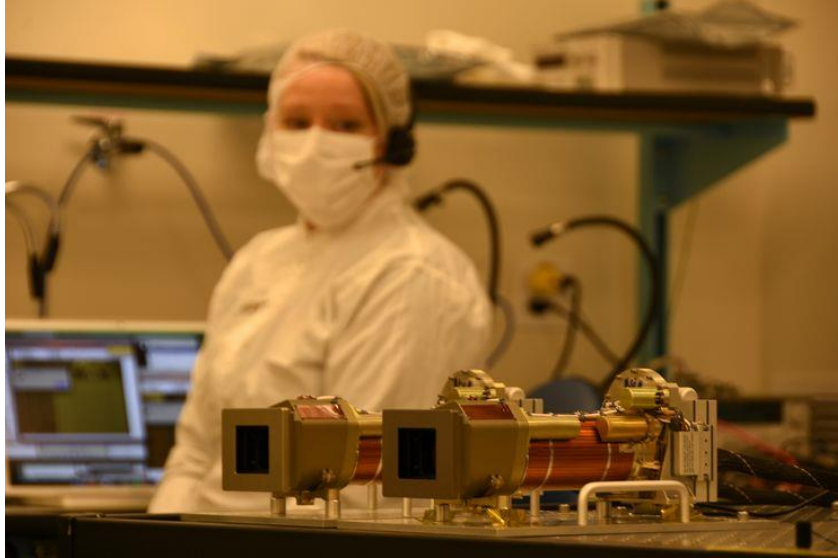
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TRAVELING APPLICATION FOR THE BLIND AND PARTIALLY SIGHTED BY BAY ZOLTÁN

Bay Zoltan Applied Research Nonprofit LTD. developed the door-to-door navigation system for urban system, for partially sighted and blind people - VUK - Visionless supporting framework - Visually impaired Framework. The voice-guided navigation is available in Hungarian, English, and German.

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Credit: MSSS/Jason Van Beek

JOANNEUM RESEARCH PROVIDES TECHNOLOGY FOR THE NASA MARS 2020 ROVER

JOANNEUM RESEARCH 3D-vision expert Gerhard Paar (Institute DIGITAL) was recently staying in California at Malin Space Science Systems (MSSS) to help geometrically calibrate the Mastcam-Z instrument on Mars 2020 Rover. Mastcam-Z is a stereoscopic vision system consisting of two identical multispectral zoomable cameras with variable focus, mounted on the Rover mast.

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127th MPEG MEETING: DIGITAL EXPERTS CONTRIBUTE TO STANDARDIZATION PROCESS

The 127th MPEG Meeting took place from 8 to 12 July 2019 in Gothenburg, Sweden, and was attended by more than 600 participants. The high level of interest is due to the fact that two video coding standards, Versatile Video Coding (VVC) and Essential Video Coding (EVC), are close to the adoption of the Committee Draft.

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DIGITAL TECHNOLOGIES IN OPTICS

KETGATE Point - National Cluster Association from the Czech Republic presented and actively participating in the workshop on “Digital technology in optics” held by the Czech Optical Cluster on 22 May 2019. The workshop focused on advanced metrology of Shack-Hartmann Sensors, holographic microscopy, optical systems simulation, reflection recognition and processing, optical production from unusual materials and diffraction optical structure for sensors and communication.

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MEET THE BUSINESS SUPPORT ORGANISATIONS



VENETO INNOVAZIONE

Veneto Innovazione is an in-house company of Regione del Veneto. It aims mainly at supporting innovation and applied research and strengthening the regional innovation and research ecosystem. Since 1994 it has operated for the spread of innovation among regional SMEs following two main areas of activities:

Regional policies, studies, and research

Veneto Innovazione realizes projects, events, and studies on behalf of the Veneto Region focusing on the innovation for SMEs and the promotion of the territory. It collaborates with the Veneto Region in the implementation of innovation policies among small and medium enterprises. It is the reference for Regional Networks of innovative companies. It coaches them from identification to recognition and their development. Veneto Innovazione is also responsible for Innoveneto.org, a regional portal for innovation and technology

transfer that provides the catalogue of public and private BSOs and highlights the development opportunities for Veneto businesses.

The Region's society is also in charge of the realization of Veneto Digital Agenda, supporting the regional offices in the implementation of specific programmes and initiatives aiming to develop the Digital Single Market.

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KETGATE POINT SERVICES

Within the following newsletters, we would like to give you an overview of the different services offered by the KETGATE Points in Central Europe. The KETGATE project partners have elaborated two service packages: One service package dedicated to SMEs and one service package for Research and Technology Organisation (RTO).

SME SERVICE #2:

SME SERVICE 2: FACILITATING YOUR COOPERATION WITH RTOS



GOALS: The service connects companies with the most fitting and available RTO(s) in the KETGATE network. Companies are guided in the process of selection and establishment of the first contact with the RTOs.

THE PROCESS: the service could be delivered through 3 different channels and modalities:



- 1) Through the website
- 2) Matching events
- 3) KETGATE Point working mode:

LINK WITH OTHER SERVICES:



This service is connected to "Providing you information on RTO services" because the information provided through the website is fed with the data already collected for this service.

The service could beside be connected to "Evaluating the innovation capacity of your company" due to the evaluation of the innovation potentially could be performed together with the technology assessment. Moreover, this service is functional to the preparation of "Providing you services to bring your idea to the market" - preparatory activities are performed to set up a cooperative project among companies and RTOs.



FAVOURITE READS ON KETS



HIGH-LEVEL GROUP OF EXPERTS PRESENTS REPORT ON FUTURE OF EUROPEAN INDUSTRY

The "Industry 2030 Roundtable" has presented the European Commission when its final report on the future of EU industry by 2030, outlining a vision for a European industry which leads on the global stage for the benefit of society, the environment

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DUE DILIGENCE **READY!**

Ensuring responsible minerals and metals supply chains

SUPPORT SMEs THROUGH NEW INITIATIVE ON MINERALS AND METALS' SUPPLY CHAIN DUE DILIGENCE

On 20 November 2019, the European Commission will launch 'due diligence ready!'. This initiative will support responsible minerals and metals sourcing. 'Due diligence ready!' is dedicated to small and medium-sized enterprises (SMEs) with minerals and metals in their supply chain, focusing on, but not limited to, tin, tantalum, tungsten, and gold. It helps SMEs perform due diligence effectively and ensure responsible sourcing. For those impacted by regulatory requirements, for example by the [EU's 'conflict minerals' regulation](#), the initiative will help them comply with their legal obligations.

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WHAT ARE THE TECHNOLOGIES THAT WILL RESHAPE OUR WORLD? INDEPENDENT EXPERTS IDENTIFY 100 OF THEM

The report is a foresight study displaying the progress and outlook for 100 ground-breaking social and technological innovations. Some of the innovations, such as plant communication, are a long way off. Others, such as medical exoskeletons, are already being tested and used.

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RECOMMENDED EVENTS



16 - 17.10.2019, Novotel Hotel in Katowice, Poland

We would like to invite you to take part in a fourth edition of the biggest polish nanotechnology conference - **InterNanoPoland 2019!** **InterNanoPoland** is the biggest science and business conference in Poland, devoted only to the topic of nanotechnology. It is an international forum for scientists, entrepreneurs, business-related institutions, and students working on nanotechnology and advanced materials. The conference offers the

possibility of presenting research and development projects, participants' achievements and results of researches carried out by young scientists. All this with the presence of the media and our guests who influence the development of nanotechnology at home and abroad.

InterNanoPoland 2019 will take place on **16th and 17th October 2019** in Novotel Hotel in Katowice. We prepared interesting, evolutionary, and interdisciplinary topics:

- European Nanotechnological Clusters
- Nanomaterials in Optoelectronics and Photonics
- 3D printing and nanotechnologies
- Nanomaterials in the environment - challenges and dangers
- Nanomaterials in the energy industry
- Nanotechnology - cosmetology, and medicine
- Poster session: Research and technologies aimed at the development of nanotechnological industry

The main organisers of the conference are [Fundacja Wspierania Nanonauk i Nanotechnologii NANONET](#) and [Silesian Nano Cluster](#). The science coorganizer of the conference is [Uniwersytet Śląski](#). Katowice city is the co-host of InterNanoPoland 2019.



09 - 11.12.2019, Naples, Italy - 8th European Fuel Cell Technology and Applications Piero Lunghi Conference EFC19

The event will take place in Naples at the Royal Continental Hotel on 9-11 December 2019. It provides a premier interdisciplinary platform for

researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of hydrogen and Fuel Cells technologies and clean energy. The 8th European Fuel Cell Technology & Applications Piero Lunghi Conference - EFC19, aims to bring together academia, research world, industry, public sector to exchange and share their experiences and research results on all aspects of Hydrogen and Fuel Cells technologies and

[More information about the event, registration, and submission](#)

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PROJECT DURATION: 01.07.2017 - 31.08.2020

PROJECT BUDGET: 2,02 mln €

ERDF CO-FINANCING: 1,66 mln €



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