

A hand is shown holding a large, bold red letter 'S'. The background is a collage of digital and technical elements, including a blue-toned interface with various charts, graphs, and data visualizations. The overall aesthetic is futuristic and data-driven.

Over the borders

20 APRIL 2021

CONTENT

About the event

Presenters

Organizers

- IMPROVE!
- CEUP2030

Contact

ABOUT THE EVENT

FROM A LOCAL INITIATIVE TO A GLOBAL COOPERATION

The aim of the event is to present the opportunities of Digital Innovation Hubs (DIHs) in the programming period 2021-2027 to be able to support European companies in their digital transformation.

- Services of DIHs' network - DIHNET.EU functions of DIHs.
- Cooperation possibilities - services of digital innovation hubs from an international co-operational perspective (cross-border, macroregional, European and outside of Europe).
- Funding possibilities – fundingbox: cascade fundings.

2

organizer
projects

170

number of
registrations

6

topics related to
DIHs

18

participating
countries

PRESENTERS

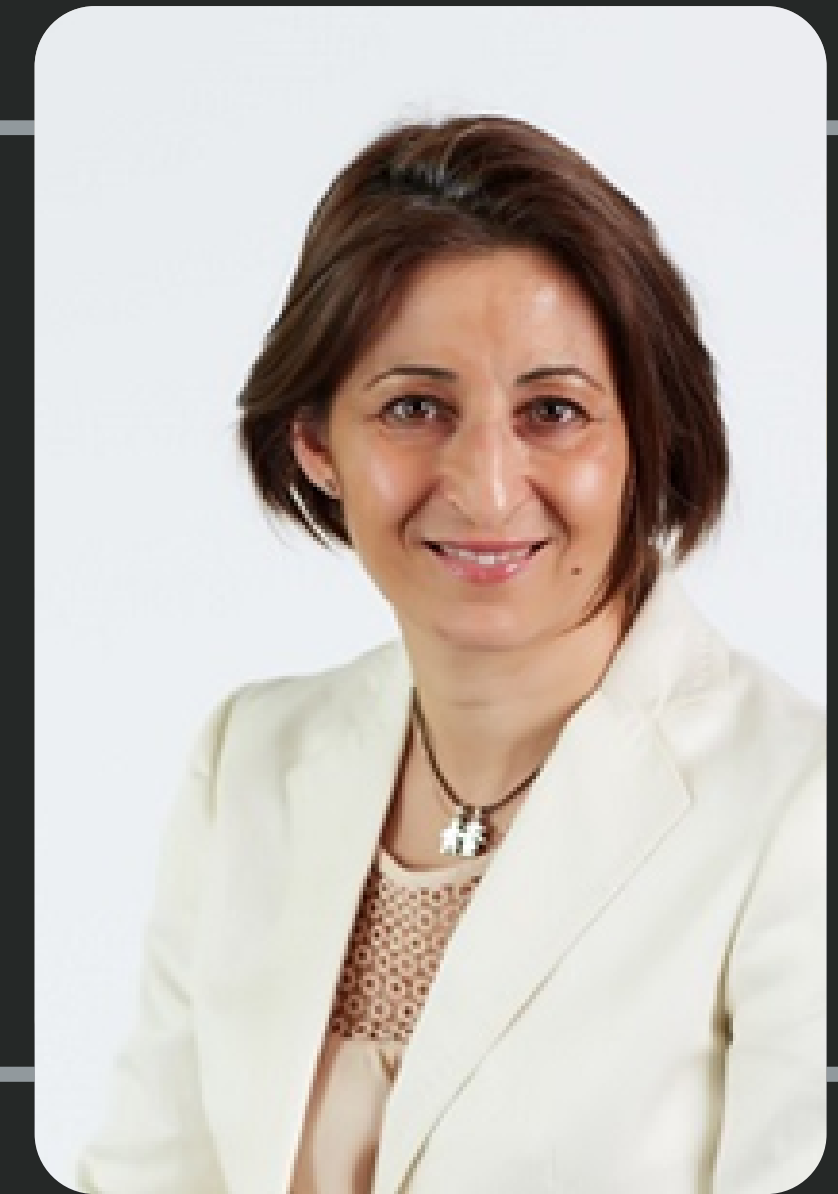


BEGOÑA SANCHEZ

DIHNET CONSORTIUM TECNALIA RESEARCH & INNOVATION

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DIHNET supports the digital transformation and DIHs directly by creating a sustainable European network of DIHs and developing a set of tools and boosting collaboration of the different DIH networks, DIHs and other key DIH stakeholders in Europe.



BALÁZS BARTA

DIRECTOR, PANNON BUSINESS NETWORK

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IMPROVE! aims to create an environment that encourages the digitization and innovation of SMEs through close cooperation of in the ATHU region already existing or newly established DIHs.

ALEKSANDRA GABRIEL

PROJECT MANAGER, NEROSUBIANCO

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CEUP 2030 strives for excellence in policy making on Industry 4.0/Advanced Manufacturing in Central Europe. One of the main goals enhance the capacities (skills, knowledge, capabilities...) of CAMI4.0 stakeholders and to enable adequate mind-sets for improving innovation and mutual learning within CEUP 2030. In the presentation we will share experiences from the regional policy learning labs.



ANDREA JESTER

PROJECT MANAGER, NEROSUBIANCO

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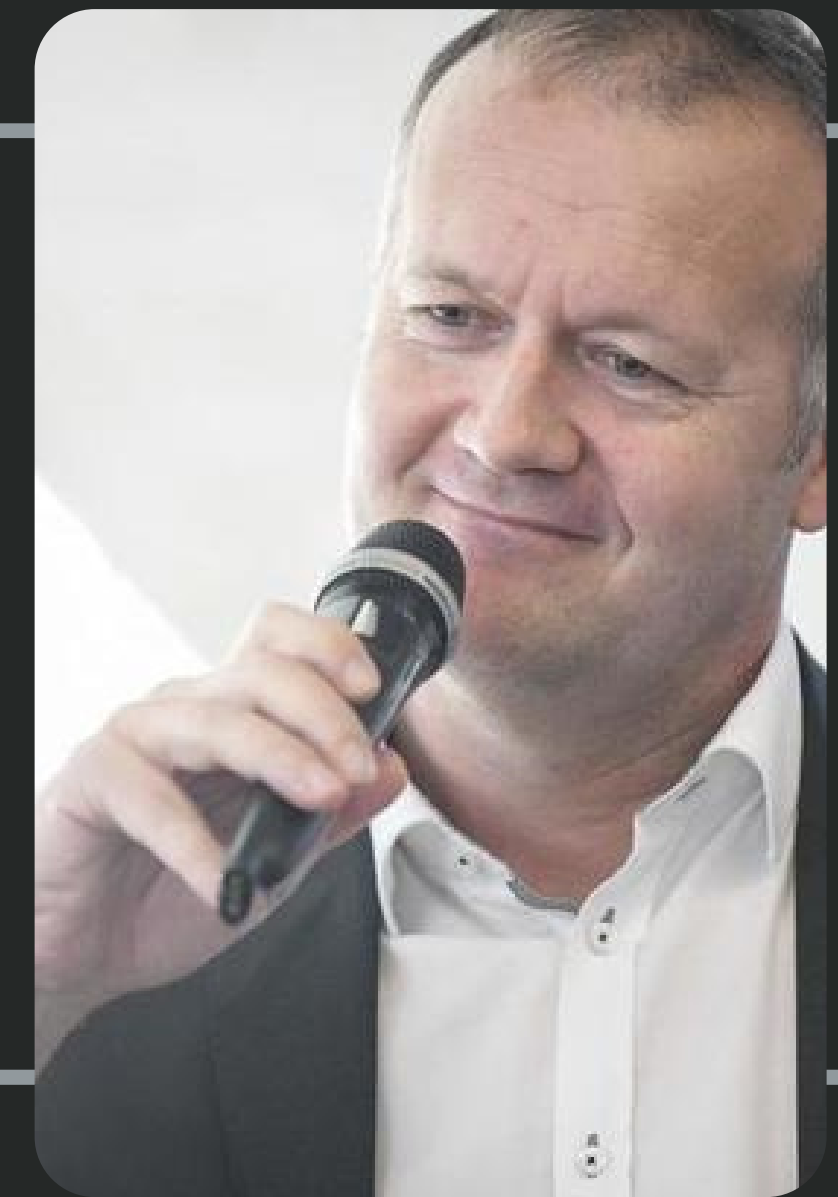
Mr. Jester shall be focusing on digital health focused DIHs, and the way how such DIHs have been establishing a network and what they are planning to achieve on European level.

DANIEL COPOT

DIH AGRIFOOD MANAGER, INNOVATION TECHNOLOGY CLUSTER, SLOVENIA

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Mr. Copot shall be describing how the European DIH network might be extended to an inter-continental level. The Slovenian expert will be sharing their experiences how they have established connections within Europe and actors from African and far-East countries.



GRACIELA GARRIDO

BUSINESS DEVELOPMENT UNIT FUNDINGBOX

GRACIELA.GARRIDO@FUNDINGBOX.COM

FundingBox is Europe's Largest Deep Tech Funding Ecosystems which helps startups, scale-ups and entrepreneurs like you ignite their growth and rewrite their future now through easy-to-apply funding opportunities, exclusive partnerships with global brands and community knowledge.

The "DIHs over the borders" event co-organized by Pannon Business Network and PROFACTOR GmbH, in the framework of IMPROVE! and CEUP2030 projects.



IMPROVE!



IMPROVE! aims to create an environment that encourages the digitization and innovation of SMEs through close cooperation of in the ATHU region already existing or newly established DIHs.

Cross - border working groups in the topic:

- AAL,
- Digital Agriculture,
- Additive manufacturing
- Digital marketing and
- Error prediction

THEMATIC INTERNAL TRAININGS

COMPLEMENTARY SERVICE PORTFOLIO

17 BUSINESS CASE STUDIES

OPEN CALL FOR SUPPORTING 10 PILOT PROJECTS

PROJECT PARTNERS

PANNON BUSINESS NETWORK

PBN aims at strengthening the performance of SMEs by enhancing international relations and by acting as partner of the regional and national policy level in strong cooperation with am-LAB as Digital Innovation Hub in the West-Transdanubian region. Am-LAB is a service centre specialized on the application and presentation of most recent manufacturing technologies to develop smart end-user product.

- Product design and development
- Robotics
- Data analysis
- Extended reality
- 3D printing
- 3D scanning
- Sensor application
- Product smartification

CAMPUS 02 UNIVERSITY OF APPLIED SCIENCES

The research areas of CAMPUS 02 UAS within the scope of the offered degree programs are the following: Automation Technology, Information Technologies & Business Informatics, Innovation Management, Marketing & Sales, Financial Accounting & Management Accounting

- Smart system integration
- Sensors, actuators, MEMS, RF
- Broadband and other communication networks (e.g. 5G)
- Cyber physical systems (e.g. embedded systems)
- Internet of Things (e.g. connected devices, sensors and actuators networks)
- Data mining, big data, database management
- Simulation and modelling
- Additive manufacturing (3D printing)
- ICT management, logistics and business systems

PROFACTOR

PROFACTOR is an applied research company with headquarter in Steyr and a location in Vienna. The company conducts applied production research in the field of industrial assistive systems and additive micro/nano manufacturing.

- Robotics and Assistive systems
- Augmented and virtual reality, visualization
- Additive manufacturing (3D printing)
- Artificial Intelligence and cognitive systems
- Cyber physical systems (e.g. embedded systems)
- Simulation and modelling for production planing

FOTEC RESEARCH AND TECHNOLOGY TRANSFER GMBH

FOTEC acts in a highly interdisciplinary environment and has access to a network composed of national and international companies, research organizations, universities, intermediary organizations as well as funding agencies. It initiates and implements R&D projects with intent to support the University of Applied Sciences Wiener Neustadt in the realization of its R&D strategy for the bachelor and master study programs.

- Additive Manufacturing
- Powder Injection Moulding
- Blockchain
- IoT / Connectivity
- Crossplatform development
- AR/VR
- ML / Deep Learning
- Electric propulsion
- Chemical propulsion



FORSCHUNG BURGENLAND

Forschung Burgenland is a research company in Burgenland with business and research projects in close cooperation with Fachhochschule Burgenland - 150 projects together with university focused in energy and environmental management – business studies – social work – health; different research centers – digitalization projects

- Digital marketing
- Digitization of energy systems
- Digital Health Management
- IoT
-



CEUP 2030 aims to generate stable innovation networks which foster better understanding on Central Europe Advanced Manufacturing and Industry 4.0 (“CAMI4.0”) topics, to generate improved knowledge resource exchange on these technologies leading to an upgraded framework for policy-making and implementation.

Ultimately CEUP 2030 creates and tests a common method to promote improved knowledge dissemination to policy-making stakeholders using a collaborative exchange framework based in physical and digital-methods.

INTELLIGENT PRODUCTION
SYSTEMS

SMART MATERIALS

ROBOTICS AND
AUTOMATION

ARTIFICIAL
INTELLIGENCE

CEUP2030



KRAKOW TECHNOLOGY PARK

Kraków Technology Park is a business support organisation and a centre for the provision of complex services (one-stop-shop), where businesses can improve their competences related to streamlining production processes and obtain support in the process of selection and implementation of solutions that make use of digital technologies.

KPT's Digital Innovation Hub (DIH) hub4Industry and they are providing solutions in the following technologies:

- Automation and robotics
- Industrial Internet of Things
- Digital twinning
- Cloud computing
- Artificial Intelligence
- Campus Network 5G
- 3D Printing
- Augmented and Virtual Reality

PROJECT PARTNERS



ASSOCIATION INDUSTRY 4.0 AUSTRIA

The Association Industry 4.0 acts as the enabling platform for Industry 4.0 in Austria, encompassing all major stakeholders in the country: policy makers, employees/employers, scientific and academic institutions, NGOs, intermediaries. They are pursuing activities to ensure a dynamic development of the Austrian production sector, to accelerate research, innovation and qualification and to contribute to a high-quality working environment and a high level of value creation through manufacturing.

Their work is structured around expert groups:

- Research, Development & Innovation
- Humans in the Digital Factory
- New Business Models
- Norms & Standards
- Qualification & Competencies
- Regional Strategies
- Security & Safety
- Resource & Energy Efficiency

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FRAUNHOFER IWU

Fraunhofer IWU is an engine for innovations in the research and development of production technologies. As leading institute for resource-efficient production, Fraunhofer IWU concentrates on the development of efficient technologies and intelligent production plants for manufacturing components for car bodies and powertrains and on optimizing the related forming and cutting manufacturing processes. Key success factors include the development of lightweight structures and technologies for processing new materials as well as functional integration in assemblies.

- Mechatronics / Adaptronics
- Smart Materials
- Internet of Things
- Diverse expertise and know-how in mobility, production systems and life science



KARLSRUHE INSTITUTE OF TECHNOLOGY

KIT consistently continues its role of pioneer in the German science system. KIT will concentrate even more strongly on the topics of Energy, Mobility, and Information. In this way, the KIT aligns its major research areas to the long-term challenges facing society in order to develop sustainable solutions of urgent problems of the future. KIT possesses an outstanding research infrastructure, from modern laboratory equipment to high-performance computing systems to globally visible large-scale facilities. The Institute for Automation and Applied Informatics (IAI) is a research institute of the Karlsruhe Institute of Technology: The work of Institute for Automation and Applied Informatics is embedded in the programs:

- BioInterfaces in Technology and Medicine
- Energy Efficiency, Materials and Resources
- Renewable Energies
- Supercomputing & Big Data
- Storage Systems and Cross-linked Infrastructures
- Science and Technology of Nanosystems
- Technology, Innovation, and Society



LOMBARDY INTELLIGENT FACTORY ASSOCIATION

AFIL is the Lombardy Advanced Manufacturing cluster officially recognized by the Lombardy Regional Government that groups the stakeholders of the region's manufacturing research and innovation and supply chain (companies, RTD, Universities & associations). The cluster is operating to ensure connections and collaborations among members and to raise awareness on strategic and relevant topics in the Advanced Manufacturing context.

- Road mapping:
- Awareness creation and innovation scouting:
- Support in project ideas generation and funding opportunity monitoring
- Regional and Interregional ecosystem Building and networking
- Facilitate access and connection with innovation infrastructures



SIIT S.C.P.A. INTELLIGENT INTEGRATED SYSTEMS TECHNOLOGIES

SIIT SCpA was founded in 2005 with the aim to create an integrated system among large industries, small and medium-sized businesses, the University of Genoa, public institutions, research and finance, with particular attention to the development of industrial research and technology transfer activities, with a direct line with the Region of Liguria, the Ministry of Economy and the Ministry of Universities and Scientific Research.

SIIT SCpA represents an aggregation of a regional nature, whose main aim is to promote and favour production competitiveness in the areas of interest.

The Technology District supports the growth of high technology companies by creating a permanent exchange of knowledge between Large Industry, Small and Medium Enterprises, Universities, Research Centers and Institutions.



POMURJE TECHNOLOGY PARK

PTP as a member of Association of Slovenian Technology Parks and Business Incubators, as subject of state acknowledged innovative environment acting as DIH Smart Manufacturing plays a role of technology transfer actor, with facilitating capabilities, providing a huge network of expert infrastructure and accordingly expert HR, and striving to service SMEs also with co-financing possibilities. It reaches not only in statistical region of Pomurje but more and more covering the area and various sectors in whole Slovenia, especially when representing Slovenia as a sole partner in transnational projects.

- Testing premises
- Trainings
- Pilot experiments financed as pilots from transnational projects
- Experienced personnel in project management (together with SMEs writing applications for funding R&D development)
- Wide international network of concrete/specific expert knowledge and infrastructure



PANNON BUSINESS NETWORK

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CROATIAN AGENCY FOR SMES, INNOVATIONS AND INVESTMENTS

HAMAG-BICRO (HB) as an implementing agency could communicate with responsible Ministry of Economy and Sustainable Development to incorporate Industry 4.0 into future calls, as a direct topic. On the other hand, HB being the national innovation agency could serve as integrator institution in the implementation of common Strategy for Industry 4.0. HB implements most of the innovation S3 programs/instruments and at the same time plays the role of the Technical Secretariat for the National Innovation Council that is in charge of monitoring of S3 2016.-2020.

- The Agency is included in almost all relevant initiatives and bodies responsible for programming and strategy development in the area of entrepreneurship and innovation, on the national and regional level
- Professional and networking capacities for customized support and mentoring for innovative SMEs
- Integrator institution between all the relevant triple-helix stakeholders.



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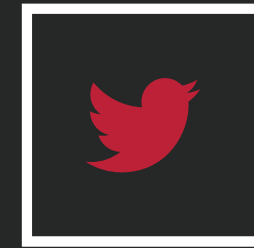
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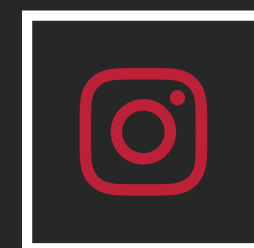
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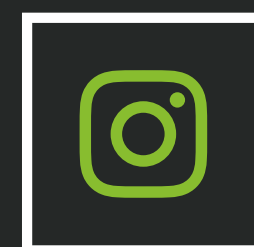
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