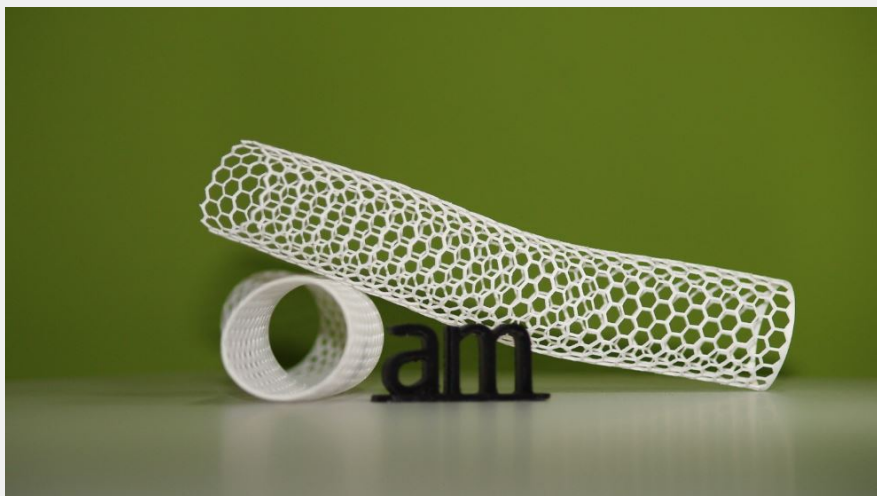


The latest news and Success stories of the 3DCentral family



Catalysing Smart Engineering and Rapid Prototyping

Success Story amLAB



By implementing 3DCentral project Pannon Business Network gained knowledge about smart factory solutions, smart services&additive manufacturing. Based on this experience and thanks to the 3DCentral network PBN managed to open his own spin-off tech transfer company with the name amLab.

Instaf: integrated structures for additive manufacturing



Instaf is a cooperation project where both 3DCentral partners: CAMPUS 02 and Fraunhofer are involved. The project was a direct result of the 3DCentral mobility/team meeting hosted in Dresden in January 2017. The project involves nine partners from Germany and Austria and aims at developing new and complex heat exchangers and reflective structures using additive manufacturing (AM) methods.

Cracow Biotechnology Cooperation Network



During meetings “3D printing meeting” organized as part of the 3D Central project, you could make a lot of friends and cooperation. A very good example is the Krakow Biotechnology Cooperation Network, which associates companies that produce incremental, specialists in the field of rehabilitation and orthopedics as well as the university. As part of the network’s activity, two biotechnology projects are implemented:

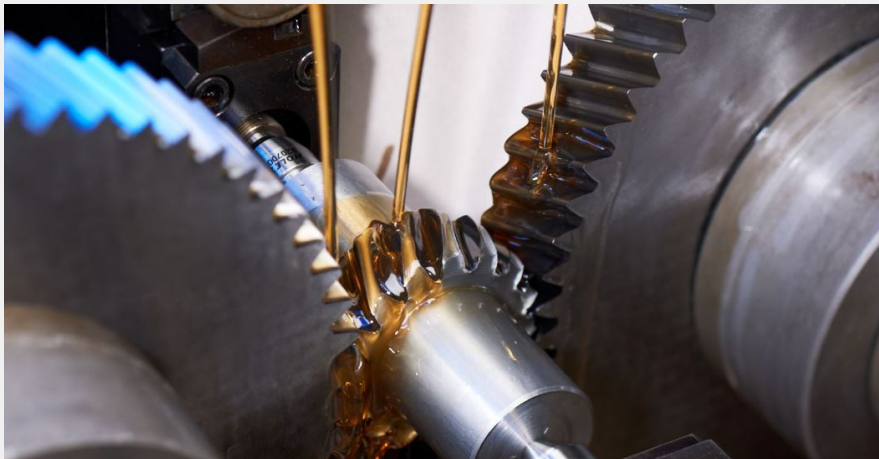
- ◆ Food Compensating Apparatus - a device helping people with disabilities to eat meals - 3DFLY s.c. 3d printing, Neurokinesis rehabilitation mgr Michał Jania, Cracow University of Technology
 - ◆ Orthopedic corsets manufactured incrementally - Lewkowicz. Orthopedic laboratory, 3D FLY s.c. 3d printing, Cracow University of Technology.
-

Mobile Knowledge Management of the shopfloor



EVOASSIST is a mobile knowledge management system for smart glasses and tablets which allows experts to document knowledge as an image or video directly while working and to rapidly create visual instructions. EVOASSIST enables experienced employees to document their knowledge directly at work, whereby valuable expertise is retained. Providing language-independent, intuitive instructions reduces time spent on repairs and training, at the same time increasing efficiency in service, maintenance and production.

Mobility Action from Lombardy to Saxony



Fraunhofer IWU has planned a one-week visit for the partners of AFIL from Lombardy to provide a comprehensive insight into the research activities and the local industry in Saxony. The focus of the presentations, company visits and bilateral / multilateral meetings was in accordance to the main topics of 3DCentral on innovative manufacturing and production methods using new materials and technologies. The culmination of the programme was the official kickoff of the Vanguard Initiative at Porsche in Leipzig in the presence of the Saxon state government..

Adding Value to the supply chain



By implementing 3DCentral project Pomurje Technology Park managed to learn more about smart engineering & rapid prototyping, with special attention on the domain of supply chain management. Prepared strategy and action plan is following organizations goals, with projects being prepared as a follow-up and jobs created in the region through implementation of new technology and processes.

Digital Life Ecosystem - a dynamic community



By implementing 3DCentral project Technology park Ljubljana successfully connected stakeholders in order to boost advantage from interdisciplinary innovation and cross-sector alliances in digital healthcare. The digital healthcare ecosystem has been elevated into a dynamic community promoting positive aspects of digitalisation in healthcare and provide support services to health-tech-based solution providers, including startups. The ecosystem has already transcended into a FabLab TPLJ.

Smart business models and technical aspects of AM for SMEs



CAMPUS 02 held on the 17th of October 2018 the event: "Smart Business Models and Technical Aspects of Additive Manufacturing for SMEs". The 3DCentral event, which was organized in a "World Café" style, aimed at creating a discussion environment where experts and interested parties in the fields of smart business models and the various modern technical topics of Additive Manufacturing (AM) were able to exchange opinions and ideas in an open and relaxed environment. Twenty five attendants participated in the event; among which were the 3DCentral partners: CAMPUS 02, Technology Park Ljubljana, Pomurje Technology Park and various representatives of Austrian and Slovenian SMEs, research institutes and local

authorities.

CAMPUS 02 experts held introductory presentations on the topics of smart business models in AM, technical aspects of AM and cooperation and financing possibilities for AM projects. The presentations were held by Dr. Egon Lüftenegger, Dr Ali Abdallah and DI Wilfried Wolf respectively. After the introduction, the attendants distributed themselves on three discussion tables, where they took part in discussions moderated by experts from CAMPUS 02 and invited experts from Styrian SMEs and research institutes.

After two hours of very successful and fruitful discussions, the afternoon ended with a visit to the CAMPUS 02 rapid prototyping lab.

3Dcentral TNT event



On 29th of November 2018 Technology Park Ljubljana hosted 3Dcentral TNT event aiming to create a unique opportunity for seeing cutting edge technologies and networking among technological companies. It also enabled contact with policy makers, government funds, and most of all with professors from technological faculties and their tech-students.

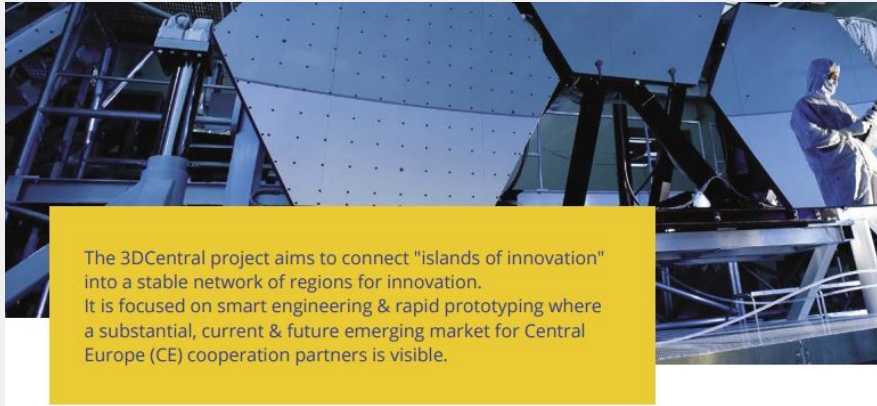
News from Krakow Technology Park: MAKE Things event within TTTEA multiplier event. Learning by doing.



Make Things is a practical oriented technological workshop organized once a year at the Krakow Technology Park. The program is created so that everyone can come and learn something new about technology - regardless of the level of technical skills, age or gender. It is a good start for everyone who want to experiment, broaden their knowledge and competences in the area of technology processes. Make Things event was organized on the 20th of October and was held for the 4th time. This year the event was also linked with presentation of the project Transnational Technology Transfer Enterprise Agents and its on-line courses created under the Erasmus + programme. It was first so broaden official presentation of the TTTEA project and its courses, but it was important to demonstrate a platform for familiarizing with the basics of the latest technologies and technological processes (starting from introductory courses towards more complex level of technical difficulty).

The event gathered nearly 200 participants who were offered a wide range of workshops including among many others: VR - interior design, optimization of robots, 3D printing, Arduino, Internet of Things in practice, creative work techniques, AI/ Bots and many others. The main goal was to raise the level of technological competence among people representing universities, higher schools and SMEs in Krakow and Małopolska region, as well as to mind the gap between transnational technology innovation processes and businesses by delivering show cases, best practices, and tailored workshops where participants could face the real challenges and opportunities the technology solves and inspire for.

3DCentral final MODULAR PUBLICATION CATALOGUE



[In this catalogue](#) you can find outlines of the project.

3DCentral partners



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