

TECHNOLOGY WORKSHOP FOR CREATIVES

(D.T3.2.1 TECHNOLOGY WORKSHOP)

Slovakia

Version 1
09/2021

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TECHNOLOGY WORKSHOP FOR CREATIVES

Date: 13.07.2021

Location: Colab a.s. | Coburgova 82/A | 917 02 Trnava, Slovakia

Project relevance:

D.T3.2.1 Piloting module workshops on three dimensions for CCIs: technology, future trends and mindset in AVM

Participants:

// Number of participants: 17

// Participant structure:

The event was organized mostly for representatives of CCI and AVM but also other entrepreneurs and the professional public interested in the topic of CNC and 3D technologies were invited.

Participants were mostly represented by men (12 out of 17 participants). Bratislava and Košice were two regions where the most event participants are based and perform their activities.

Regarding the participant structure by sectors, both CCI and AVM industries were represented almost equally and 8 out of 17 participants belonged to CCI.

Target groups: CCIs, AVM, other business representatives, professional public

Event

DESCRIPTION

The event provided a basic overview of industrial production, opportunities, and risks associated with the adoption of technologies in creative processes and prototyping. The workshop was conducted in a discussion format and with the audience's active involvement thanks to selected case studies. The event consisted of the theoretical but also the practical part. In the afternoon, the theoretical part was followed by a tour of the production premises of COLAB, a.s. followed by a workshop "Examples of work on 3D printing" facilitated by Matej Korytár from Rapidnext, s.r.o. In the last part of the event, Andrej Špánik (SBA) presented the COCO4CCI piloting process, and participants were asked to provide feedback and discuss the sustainability of the project.

The event offered answers to the following topics:

- How to successfully prototype,
- Basic view of the issue of production technologies and processes,
- Practical demonstrations of production in Colab, a.s. (data processing, machine programming, machining and presentation of outputs),



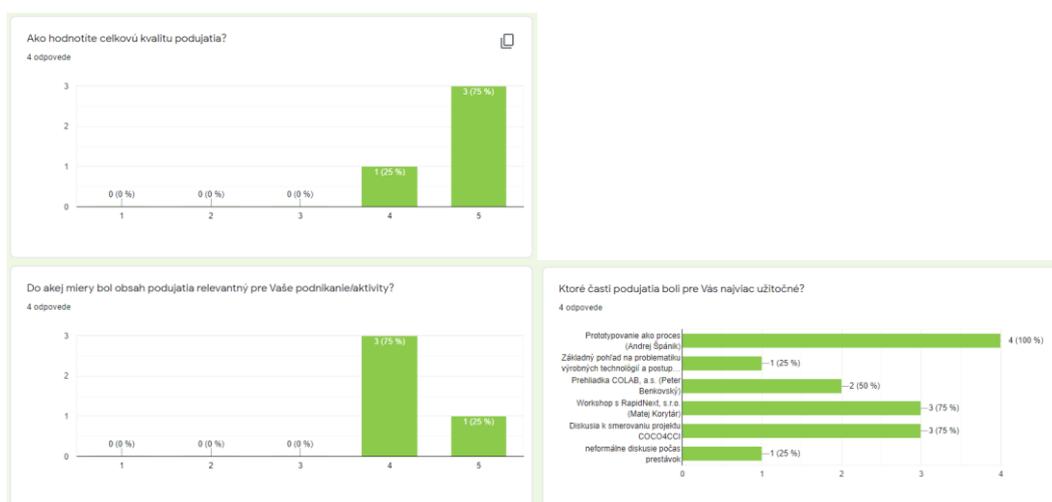
-Demonstrations of prototype production on various types of 3D printers.

LESSONS LEARNT

Organizing events in the summer months is possible, but one has to count on lower attendance. After more than a year of online events, the physical event was more than welcomed and because of the offline format, the event contributed to increased networking and a relaxed atmosphere. Holding an event on the premises of a technology company and having the possibility to visit production space was of added value.

FEEDBACK

Only 4 people filled in our feedback forms, but those who did so were either satisfied or extremely satisfied with the overall quality of the event (ranking 4 or 5). All respondents claimed that the event was highly relevant for their business or their other activities. 4 out of 4 respondents considered the most useful the presentation on "Prototyping as a process".



Collected feedback

FOLLOW-UP

All participants received a follow-up email with presentations, recordings, invitation to events and to follow our COCO4CCI Slovakia Facebook fun page.

Based on the feedback from participants, tandem partners are considering organizing two specialized workshops for CCIs in autumn dedicated to data evaluation, preparation and co-processing for CNC and 3D technologies, service design UX experience. Tandem partners will also incorporate results from stakeholder consultation into the COCO4CCI action plan.

OUTPUT

Video testimonial:

The event was recorded and videos on prototyping, CCI-AVM communication, division of technology and 3D Printing are available on our COCO4CCI platform and [Youtube channel of CIKE](#).

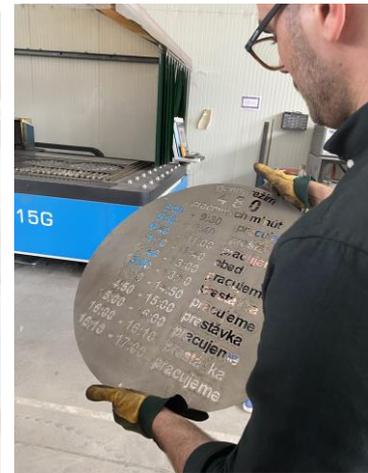
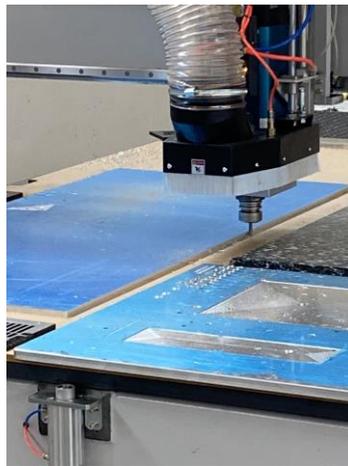
Online material:

The event was recorded and videos (in Slovak) are available on our COCO4CCI platform and Youtube channel of CIKE: [Prototyping](#), [CNC Technologies](#), [3D Printing](#) and [After movie](#).

PHOTOS



Technology workshop



Tour of the production premises of COLAB, a.s.



Feedback session to COCO4CCI project sustainability



ANNEX 1: Agenda

Technologický workshop pre kreatívov

Prezenčné podujatie | Trnava | 13. júl 2021

Miesto

[Colab a.s.](#) | Coburgova 82/A | Areál TAZ | 917 02 Trnava
Nájdí polohu na [Google mapách](#).
Parkovanie pred budovou je zabezpečené.
Vstup do budovy je povolený iba s prekrytím horných dýchacích ciest.

Agenda

10:00 - 10:30 | Príchod a networking

1. BLOK Úvod do problematiky

10:30 - 11:15 | Prototypovanie ako proces
Andrej Špánik, SBA

- o Efektívna komunikácia medzi svetom technológií a kreativity
- o Ako úspešne prototypovať
- o Terminológia, overené postupy
- o Best practice a čo sa vyvarovať

11:15 - 12:00 | Základný pohľad na problematiku výrobných technológií a postupov
Viktor Gadob, Origin Engineering s.r.o.; Peter Benkovský, Colab, a.s.; Matej Korytár, Rapidnext s.r.o.

- o Rozdelenie technológií
- o Rozdiely a podobnosti v prístupe technického návrhu a výberu vhodného tech. postupu
- o Práca s polotovarami
- o Príprava dát a podkladov do výroby

12:00 - 12:30 | Diskusia príkladov z praxe

12:30 - 14:00 | Obed

2. BLOK Prehliadka spoločností a praktické ukážky

14:00 - 15:00 | Workshop s COLAB, a.s.
Peter Benkovský, CEO

- o Frézovanie, sústruženie kovov
- o Frézovanie a obrábanie nekovových materiálov
- o Rezanie a formátovanie kovových polotovarov a plošných materiálov laserom / vodným lúčom

15:00 - 15:15 | Prestávka

15:15 - 16:15 | Workshop s RapidNext, s.r.o.
Matej Korytár, CEO

- o Ukážky práce na 3D tlačiarňami Prusa

16:15 - 17:15 | Diskusia k smerovaniu projektu COCO4CCI

17:15 - 17:30 | Záver a ukončenie podujatia



ANNEX 2: List of participants






ZOZNAM ÚČASTNÍKOV *ASAMNA ŽOZNAS LAR*

Technologický workshop pre kreatívov

COLAB, a.s. | Trnava | 13. júl 2021

Číslo	Meno a priezvisko	Spoločnosť	Súhlas s GDPR* (x)	Súhlas s BOZP** (x)	Podpis	<i>Dojma KCC=IT</i>
1	Ing. Marko Bednárík	SIGI forge s.r.o.	X	X	<i>[Signature]</i>	
2	Peter Benkovský	COLAB, a.s.	X	X	<i>[Signature]</i>	
3	Natália Centková	CIKE	X	X	<i>[Signature]</i>	
4	Viktor Gado	Origin Engineering s.r.o.	X	X	<i>[Signature]</i>	
5	Ladislava Juhászová	CIKE	X	X	<i>[Signature]</i>	✓
6	Júlia Jurinová	Divadlo fi	X	X	<i>[Signature]</i>	✓
7	Mikuláš Keveley	KVANT spol. s r.o.	X	X	<i>[Signature]</i>	
8	Matej Korytár	Rapidnext s.r.o.	X	X	<i>[Signature]</i>	
9	Branislav Kunca	Ústav experimentálnej fyziky SAV	X	X	<i>[Signature]</i>	✓
10	Igor Kupec	Local Nomad	X	X	<i>[Signature]</i>	✓
11	Dušan Kutlík	Kutlík	X	X	<i>[Signature]</i>	✓
12	Miroslav Močko	Retroidroid s.r.o.	X	X	<i>[Signature]</i>	✓
13	Patrik Pitrský	n/A				
14	Denisa Rášová	SBA	X	X	<i>[Signature]</i>	
15	Ondrej Šauša	SIGI Forge s.r.o.	X	X	<i>[Signature]</i>	
16	Andrej Špánik	SBA	X	X	<i>[Signature]</i>	
17	Adam Švec	Svecgroup	X	X	<i>[Signature]</i>	✓
18	Dávid Zakutanský	GASTROJOY	X	X	<i>[Signature]</i>	
19	<i>[Signature]</i>	<i>[Signature]</i>	X	X	<i>[Signature]</i>	
20	<i>[Signature]</i>	<i>[Signature]</i>	X	X	<i>[Signature]</i>	

*Zaškrtnutím políčka „Súhlas“ a svojím podpisom udeľujem Slovak Business Agency (so sídlom Karadžičova 2, 811 09 Bratislava, Slovenská republika, IČO: 30 845 301) súhlas na použitie mien, vyhotovenie a/alebo použitie podobizní, obrazových snímok, obrazových a zvukových záznamov, obrazovo-zvukových záznamov týkajúcich sa mojej osoby a/alebo referencií vo vzťahu k vyššie uvedenému podujatiu, a to na účel propagácie a publicity podujatia pod názvom „Technologický workshop pre kreatívov“, na sociálnych sieťach, webových stránkach SBA a/alebo tlačových a na účel projektovej dokumentácie. Súhlas je udelený na dobu piatich rokov a je možné ho kedykoľvek odvolať zaslaním žiadosti na emailovú adresu agency@sbaagency.sk alebo zaslaním písomnej žiadosti na korešpondenčnú adresu SBA.

**Bolia som oboznámený/á s pravidlami bezpečnosti a ochrany zdravia pri práci a zaškrtnutím políčka „Súhlas“ a svojím podpisom súhlasím, že spoločnosť Colab, a.s. nepreberá zodpovednosť za prípadné škody alebo ujmy na zdraví vzniknuté počas podujatia.

21	JANA GADOS KAMERA	X	X	<i>[Signature]</i>