



**ICETA2016**  
International Conference



# **MOOCs in SP4CE - case studies**

## **(Strategic Partnership for Creativity and Entrepreneurship)**

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**PRO-MED sp. z o. o.**



Project "Strategic Partnership for Creativity and Entrepreneurship (acronym SP4CE)" has been funded with support from the European Commission under the ERASMUS+ Programme.

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# Runtime: September 2014 – August 2017

## Supported / co-funded by: ERASMUS+

### Partners

1. Co-ordinator - PIAP (Poland)
2. PRO-MED (Poland)
3. TUKE (Slovakia)
4. ASTRA (Slovakia)
5. TREBAG (Hungary)
6. IDEC (Greece)



**Case Study Team**

**The project SP4CE aims at design and elaboration of innovative common tools for collaboration between students, enterprises and schools.**



# The main impacts of SP4CE

- Students have an opportunity to learn about enterprises' activities and they can interact with coaches.
- They are able to enter the labour market having real professional experience.
- Enterprises receive required knowledge and possibility to recruit students who have concrete skills and competences.

# SP4CE portal – [sp4ce.eu](http://sp4ce.eu)



## Send us your project proposal

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If you are a coach put the project proposal in [Leave a Reply](#)

or [Contact us](#).



♥ View all 18 comments

# SP4CE Learning Materials

## Output O2

### SP4CE pedagogical concept

Activity leader: Technical University of Košice -TUKE

Date of delivery: 26/01/2016

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# Learning Rooms in Moodle

SP4CE English (en) ▼ You are not logged in. ([Log in](#))

## SP4CE Learning Rooms

**NAVIGATION**

[Home](#)

News only in English

▶ [Courses](#)

**CALENDAR**

November 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### Course categories

[▶ Greece - IDEC](#) (6) ▼ Collapse all


[▶ Poland - PIAP, PRO-MED](#) (44)

[▶ Hungary - TREBAG](#) (16)

[▶ Slovakia - ASTRA, TUKE](#) (8)

[▶ Others](#) (5)

**REQUEST**



**Request your Learning Room**

Requests for new Learning Rooms (Courses) should be send by a local Administrator.

**ONLINE USERS**

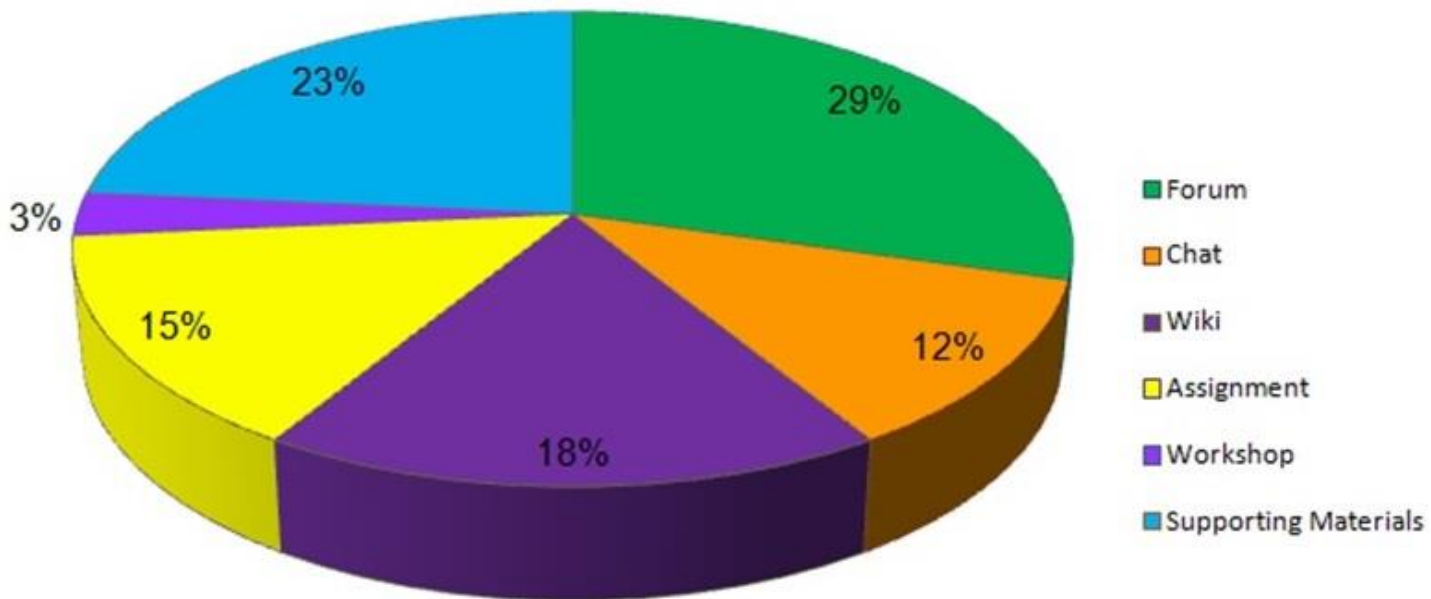
(last 5 minutes)

[Anna Grabowska](#)

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# The best tools for communication that can be used in Learning Rooms

What do you consider as the best tool(s)?





# Local Administrators

## Administratorzy platformy

[sp4ce.eu](http://sp4ce.eu) (WordPress)


Name	Institution	Country	Status
Anna Czaja	PRO-MED	Poland	Main ADM
Dana Palova	TUKE	Slovakia	Local ADM
Olga Anagnostaki	IDEC	Greece	Local ADM
Anna Grabowska	PRO-MED	Poland	Local ADM
Jacek Zieliński	PIAP	Poland	Local ADM
Gabriella Kengyel	TREBAG	Hungary	Local ADM

## Administratorzy pokojów nauki

[sp4ce.moodle.pl](http://sp4ce.moodle.pl) (Moodle)



Name	Institution	Country	Status
Anna Grabowska	PRO-MED	Poland	Main ADM
Dana Palova	TUKE	Slovakia	Local ADM
Olga Anagnostaki	IDEC	Greece	Local ADM
Ewa Kozłowska	PG	Poland	Local ADM
Jacek Zieliński	PIAP	Poland	Local ADM
Gabriella Kengyel	TREBAG	Hungary	Local ADM



# An Example Learning Room for ICETA 2016



SP4CE Anna Grabowska 

## 14th International Conference on Emerging e-learning Technologies and Applications

Home ▶ Poland - PIAP, PRO-MED ▶ ICETA2016 Turn editing on

**MESSAGES**    
No messages waiting  
[Messages](#)

**NAVIGATION**  

**ADMINISTRATION**  

### Communication, important info about ICETA

<http://www.iceta.sk/>


#### DEADLINES


**Full version of contribution (min. 6 pages, for reviewing process) - October 21, 2016**


Notification about acceptance - October 31, 2016




Final paper (final format for publishing in IEEE pproceedings) - November 7, 2016



Last information and Final Program - November 14, 2016



 [News forum](#)

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 [Transport reservation](#)

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 [Anna Grabowska](#)

**SEARCH FORUMS**    
   
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**LATEST NEWS**    
[Add a new topic...](#)

[Kolejna wersja naszego artykulu w załączeniu](#)  
16 Oct, 10:31 Anna Grabowska



[Famelab - "każdy ma swoje 4 minuty"](#)  
15 Oct, 05:58 Anna Grabowska

[Poranne komentarze AG](#)  
16 Oct, 06:44 Anna Grabowska

[Zaczęłam pisać](#)  
15 Oct, 18:52 Anna Grabowska


[Propozycja AG](#)  
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**UPCOMING EVENTS**  


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### Notes, links, articles, presentations...

 [Repository of supported files](#)

 [IEEE Template](#)

 [MOOCs in SP4CE - case studies \(the article content\)](#)

 [Case Study - Fusion 360](#)

# MOOCs in SP4CE

- In SP4CE project the subject about MOOCs appears in the training module "Strengthening competencies with MOOCs".
- This module contains the definitions, history of development and examples of good practice connected with Massive Open Online Courses.
- The training materials will be available on the SP4CE project portal in 5 languages.

# Moodle MOOC certificate

## CERTIFICATE OF COMPLETION

This is to certify that

**Anna Czaja**

has completed the Learn Moodle MOOC run by Moodle HQ

Teaching with Moodle (Jan 2016)

11 February 2016

'Teaching with Moodle' is a 4-week introductory course in which participants experience Moodle as a student and have the opportunity to begin creating their own teaching activities. For more details, visit <https://learn.moodle.net>.

ZKpVoiSUHL



# Fusion 360 MOOC

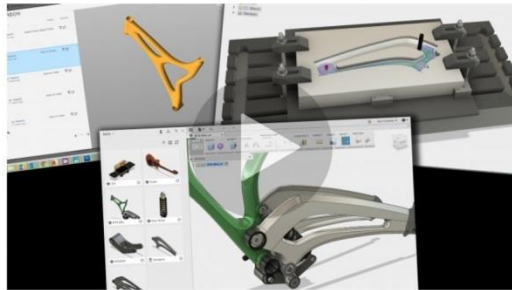
<https://www.udemy.com/product-design-fusion-360/>

## Product Design in Autodesk Fusion 360 from idea to prototype

Design a product starting from first sketches to complex forms, assemblies and CNC machining

★★★★★ 4.6 (1,521 ratings) • 9,674 students enrolled

Instructed by Autodesk Education Design / 3D & Animation



Free

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Lectures 33  
Length 4 hours  
Skill Level All Levels  
Languages English, captions  
Includes Lifetime access  
30 day money back guarantee  
Available on iOS and Android  
Certificate of Completion

♥ Wishlist

About This Course Curriculum Instructor Reviews

**Lectures - 33**

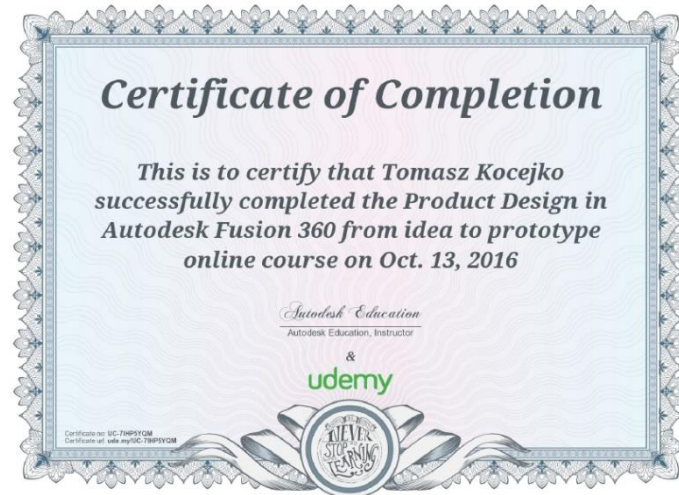
**Length - 4 hours**

**Skill Level - All Levels**

**Languages - English**

**Available on iOS and Android**

**Certificate of Completion**



# What is Fusion 360?

- Fusion 360 is a cloud-based CAD/CAM tool for collaborative product development.
- Fusion 360 is free for students, educators, and academic institutions.
- Using Fusion 360, students can develop their skills in order to become tomorrow's engineers, product designers, and industrial designers.



[https://www.youtube.com/results?search\\_query=what+is+fusion+360](https://www.youtube.com/results?search_query=what+is+fusion+360)

# We plan to develop MOOC Fusion 360 in SP4CE (Polish)

SP4CE English (en) Anna Grabowska

## Opracowanie szkolenia/warsztatu/seminarium "Pierwsze kroki z Fusion 360".

Home > Poland - PIAP, PRO-MED > Fusion 360 Turn editing on

NAVIGATION

ADMINISTRATION

### Komunikacja

- News forum
- Czat

### Dokumenty, materiały pomocnicze

- Zgłoszenie MOOC na platformę EMMA
- EMMA - potwierdzenie preselekcji i dokument do wypetnienia
- Zgłoszenie wysłane 24-06-2016
- Rejestracja na webinar
- Webinar - nagranie
- Syllabus
- Fusion 360 in Sway

### Praca mgr

- Forum dot. pracy dyplomowej
- Karta tematu
- MOOC's Certificate (udemy)

SEARCH FORUMS

ONLINE USERS (last 5 minutes)  
Anna Grabowska

CALENDAR

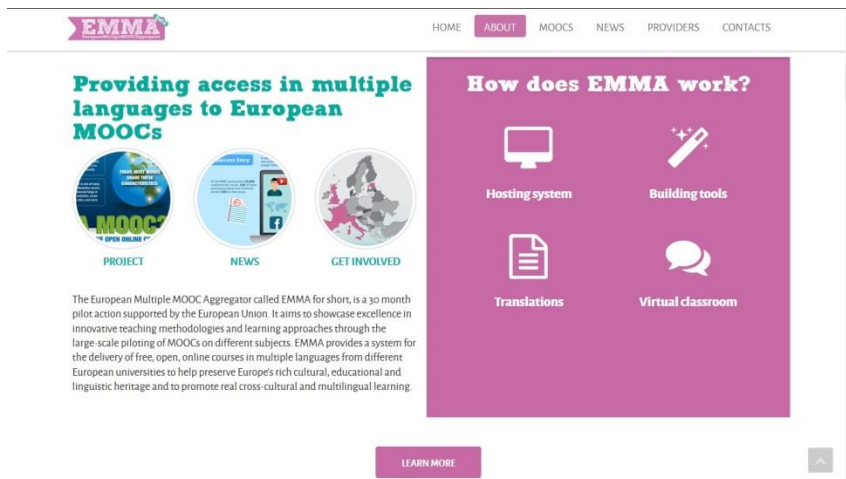
LATEST NEWS

UPCOMING EVENTS  
There are no upcoming events  
Go to calendar...  
New event...

RECENT ACTIVITY

Moodle Docs for this page

# We plan to develop MOOC Fusion 360 in EMMA (English)



- The European Multiple MOOC Aggregator called EMMA for short, is a 30 month pilot action supported by the European Union.
- It aims to showcase excellence in innovative teaching methodologies and learning approaches through the large-scale piloting of MOOCs on different subjects.
- EMMA provides a system for the delivery of free, open, online courses in multiple languages from different European universities to help preserve Europe's rich cultural, educational and linguistic heritage and to promote real cross-cultural and multilingual learning.



# EMMA providers



HOME

ABOUT

MOOCS

NEWS

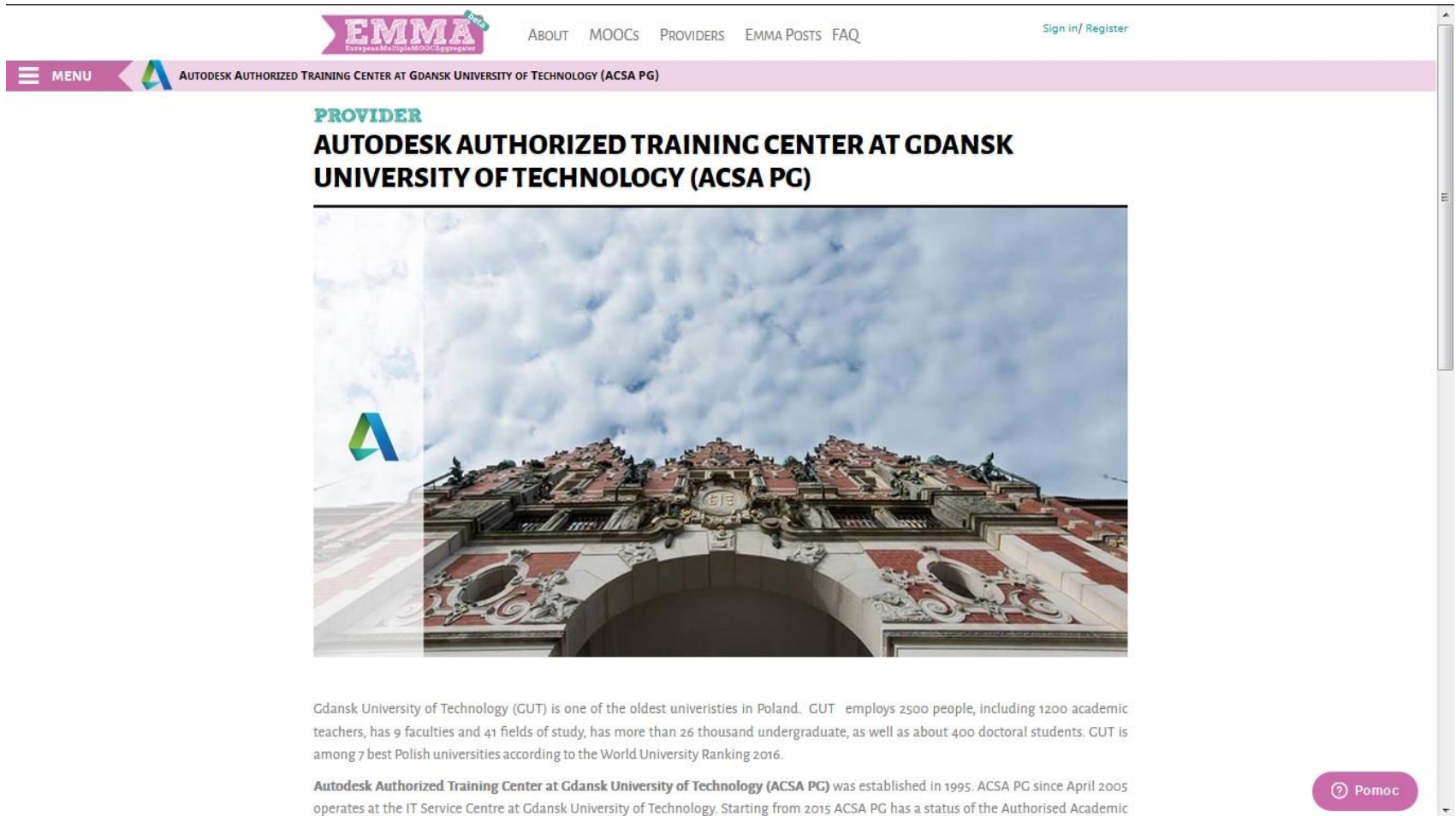
PROVIDERS

CONTACTS

## Providers



# Introducing ACSA PG as a MOOC provider in EMMA





**EMMA**  
European Multiple MOOC Aggregator

ABOUT MOOCs PROVIDERS EMMA POSTS FAQ [Sign in/ Register](#)

MENU **A** AUTODESK AUTHORIZED TRAINING CENTER AT GDANSK UNIVERSITY OF TECHNOLOGY (ACSA PG)

**PROVIDER**  
**AUTODESK AUTHORIZED TRAINING CENTER AT GDANSK UNIVERSITY OF TECHNOLOGY (ACSA PG)**



Gdansk University of Technology (GUT) is one of the oldest universities in Poland. GUT employs 2500 people, including 1200 academic teachers, has 9 faculties and 41 fields of study, has more than 26 thousand undergraduate, as well as about 400 doctoral students. GUT is among 7 best Polish universities according to the World University Ranking 2016.

**Autodesk Authorized Training Center at Gdansk University of Technology (ACSA PG)** was established in 1995. ACSA PG since April 2005 operates at the IT Service Centre at Gdansk University of Technology. Starting from 2015 ACSA PG has a status of the Authorised Academic

[? Pomoc](#)

# Case Study (1)

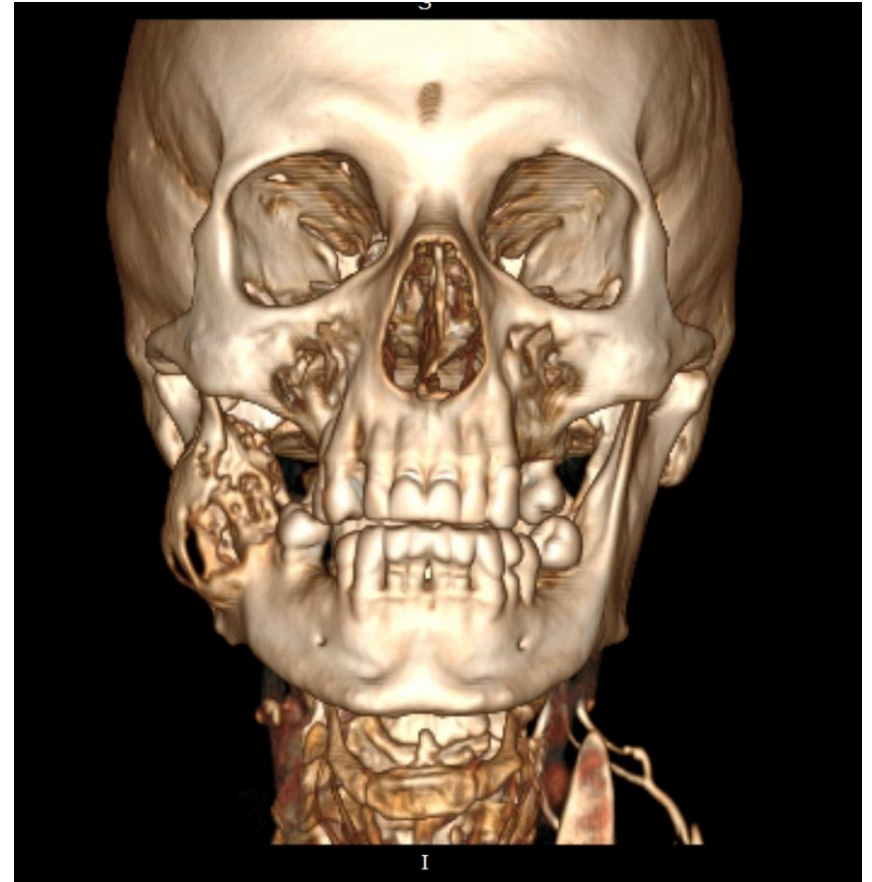
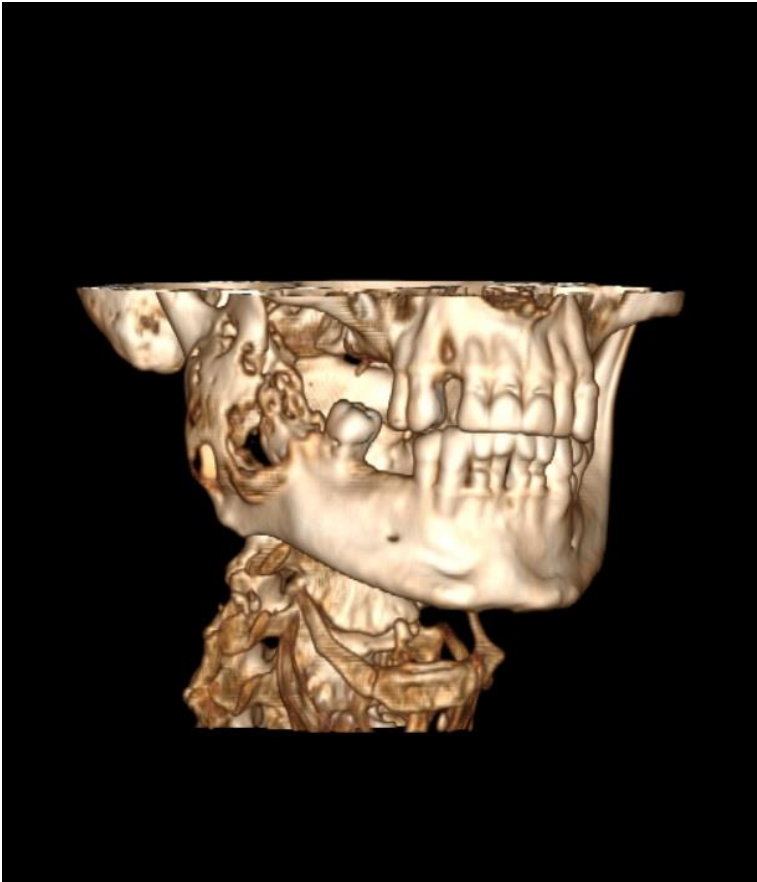
## Co-operation in clouds

- Creating projects in the cloud and using the idea of distance communication give the possibility of interdisciplinary cooperation between medical academic centres and technical institutions.
- Transferring the communication and work to the cloud reduces the time of the project's creation and realization.
- Working in clouds enables diagnostics and medical consultation, surgical treatment planning, creating new solutions and methods, discussing the use of biocompatible materials etc.

# Case Study (2)

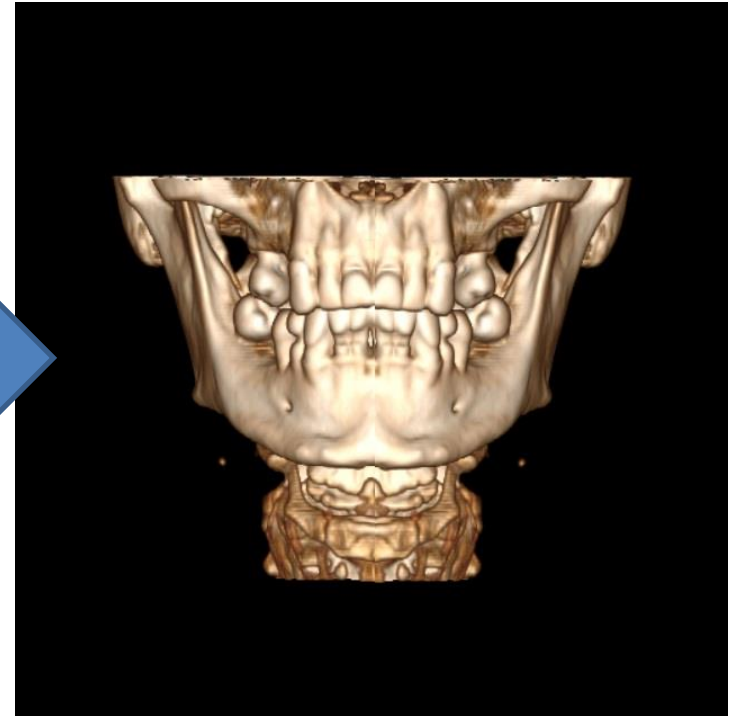
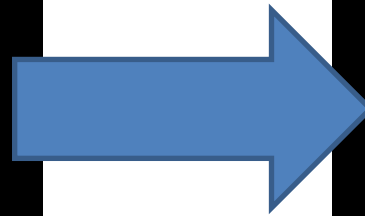
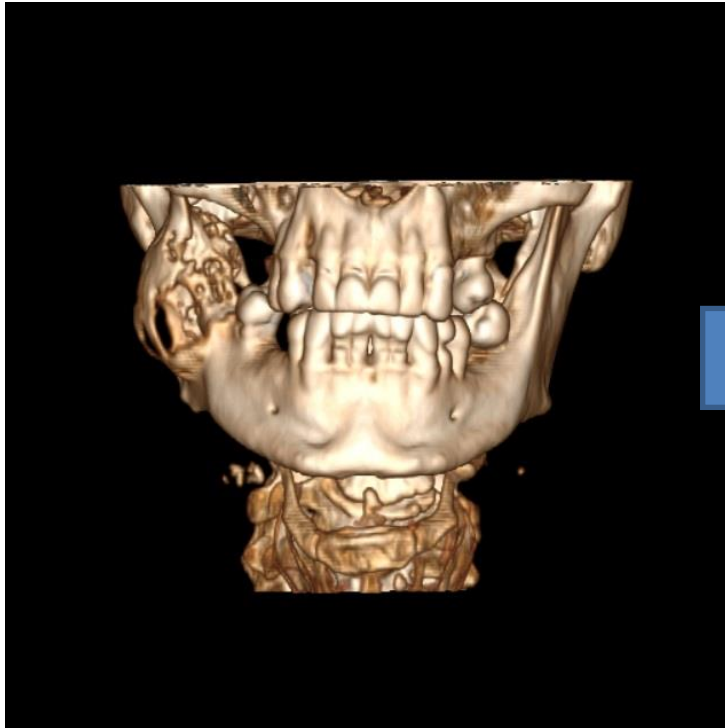
The patient comes to the doctor and gives the asymmetry within the right side of the face, it is probably tumor.

MDCT (MultiDetector ComputedTomography) examination is done



# Case Study (3)

Modelling treatment - surgeons and engineers propose a solution that will remove the tumor

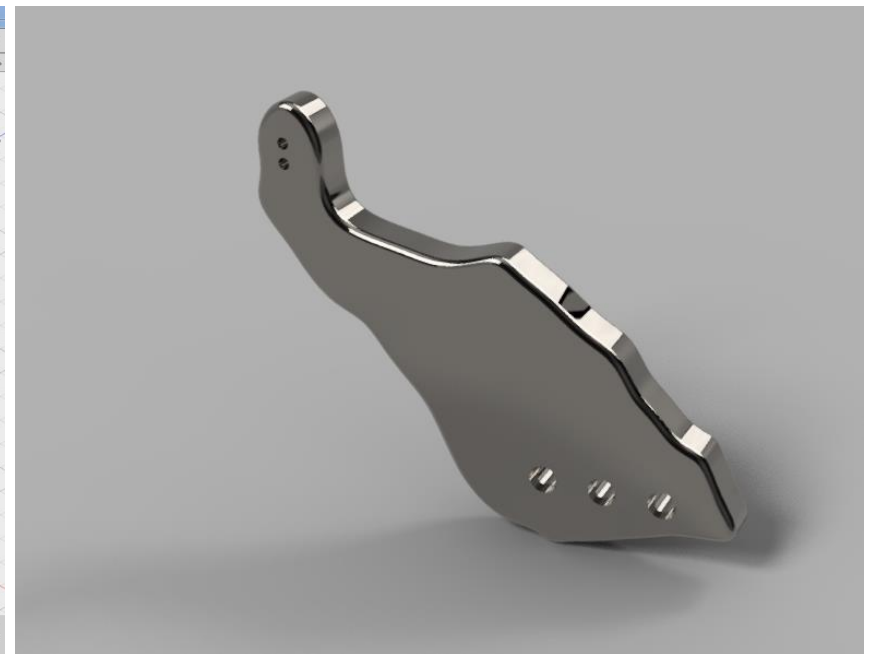
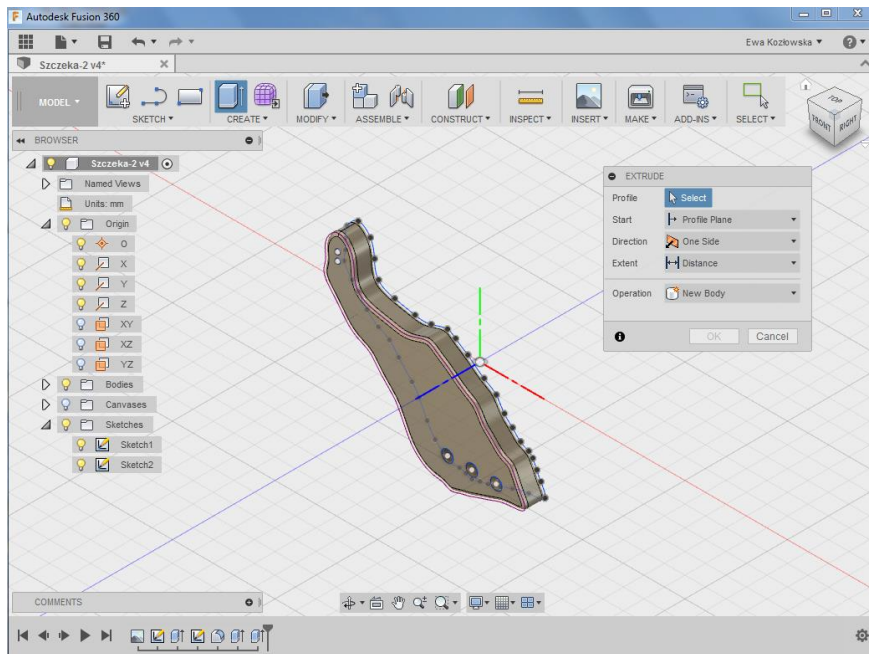


# Case Study (4)

An engineer translates 3D computed tomography for the Fusion 360 program in order to help design and print the implant.

Designing in Fusion 360

3D printing





# Invitation to the SP4CE

## Anna Czaja, Ewa Kozłowska, Paulina Pałasz

- ▶ SP4CE stands for Strategic Partnership for Creativity and Entrepreneurship ERASMUS+ project.
- ▶ Partners: PIAP (Poland), IDEC (Greece), TREBAG (Hungary), PRO-MED (Poland), TUKE (Slovakia), ASTRA (Slovakia).
- ▶ Project aims at design and elaboration of innovative common tools (portal) for collaboration between students, enterprises and schools.
- ▶ Welcome to <http://sp4ce.eu> and send us your project proposal.

The most interesting projects will be invited to the workshop at [eTEE 2017](#) in Gdansk



- The SP4CE portal concept is based on the following coaching and mentoring principles:
- ▶ Companies willing to find young workers send a project (e.g. problem to be solved).
  - ▶ The case is presented to students.
  - ▶ Based on proposed solutions the company selects the student(s) and give them coach(es) who co-work with students.
  - ▶ Mentors (teachers) from universities guide students in Learning Rooms.

Welcome to <http://sp4ce.moodle.pl>



We are pleased to invite you to  
the 4<sup>th</sup> ***e-Technologies in Engineering Education*** conference  
which will take place at

**Gdańsk University of Technology, Poland,  
on 27-28 April 2017.**



During each of the previous conferences more than 100 participants from Poland and other countries shared their e-learning experiences.

The upcoming conference aims to popularize the latest technologies and good practice in engineering education, as well as increase knowledge about how to design and run various web-enhanced courses, create online resources and multimedia software, apply m-learning and blended learning strategies.

The conference will be held under the patronage of

**The Rector of Gdańsk University of Technology  
Professor Jacek Namieśnik  
and**

**The Rector of the AGH University of Science and Technology  
Professor Tadeusz Słomka**

and will be supported by the magazines  
*EduAkcja*, *Research Journal of ECED*, and *e-mentor*.

More information at

<http://pg.edu.pl/etee2017/main>



**We look forward to seeing you there!**





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# Thank you for your attention

## Welcome to SP4CE portal

[sp4ce.eu](http://sp4ce.eu)



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