MECA

MicroElectronics Cloud Alliance

www.meca-project.eu/

Partner name: UPB-CETTI, Bucharest, Romania
Partner number: P9

Staff involved:
Prof. Norocel Codreanu (research, management)
Prof. Alexandru Vasile (research)
Lect. Mihaela Pantazică (research)
Res. ass. Alina Marcu (research) & colleagues (tech. & adm.)

1. What was done after MECA kick-off meeting (Sofia) and who was involved:

• **WP3**

o Almost finished the installation of *CloudStack* on a virtual machine, with the strong support of P10/Giga and the help of P11/eWorks. The solution was to leave CentOS , installing Ubuntu 16.04 because we are more familiar with Debian -> for more details, see the presentation of P10/Giga.

• **WP4**

Development of syllabi and course modules for the courses "Design for manufacturing of microsystems" and "Electronic packaging and assembling technologies of microsystems ".

• **WP5**

o Configuration of one CAD lab for distance learning and preparation to populating it with distance learning devices/accessories;
o Setup of technical materials for the CAD activities associated with the MECA project;
o A book entitled "CAD Techniques for development of electronic modules" finished and under publishing;

2. What was released, published, organized, done in the frame of MECA project:

• **WP1**

o Participation to the 2nd meeting "need analysis" in **Toulouse June 2-3, 2016** (35 participants);

o Contribution to the "analysis of the **needs of higher education**" survey, **WP2 DL May 2016;**

o Participation to the 3rd and 4th meetings in Torino (October 2016) and Berlin (March 2017).

• **WP9**

UPB-CETTI has disseminated the MECA project during SIITME2016 (IEEE 22nd International Symposium for Design and Technology in Electronic Packaging), as follows:

1. a 1 page full-colour flyer (attached) was distributed to SIITME participants and was released on the registration desk of the conference for free distribution and study;

2. the above full-colour flyer was introduced in the SIITME programme (one copy available);

3. Oral Session II and Poster Session III were entitled "MECA dissemination session" and were supported by the MECA project, MECA topics being discussed during them (one copy available for showing/archiving).

• Additionally, MECA topics were presented to UPB students and professors for promoting the project.

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3. Forecast/plans for end of 2017 and 2018

- **WP1**

o Preparation and organisation of the 5th MECA meeting in Bucharest

- **WP5**

o Connect to partners' CloudStack;
o Enrolling of bachelor/master/Ph.D. students to mCloud.

- **WP9**

o Dissemination of MECA flyer and MECA details at packaging and electronics conferences (ISSE, SIITME) and fairs (TIB) in Romania and Eastern Europe.

- **WP10**

o Participation of bachelor/master/Ph.D. students to various mCloud courses and exploitation of MECA project with a large number of students and with Romanian technical universities.

Project month	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	31	32	33	34	35	36
WP/Milestone					M1				M2						M3					M4				M5				M6								M7
1 Management (PSC Meetings)	Sofia				Toulouse				Torino						Frankfurt					Buchrest				Cadiz				Berlin								Budapest
2 Need analysis																																				
3 mClouds Specification																																				
4 Development of job-specific training																																				
5 mClouds + OERs																																				
6 Teachers training																																				
6 Pilot test																																				
7 QA																																				
8 Evaluation																																				
9 Dissemination																																				
10 Exploitation																																				