



MECA PROJECT VIRTUAL MEETING

FOR ANALYSIS OF SURVEY ON THE PILOT TEST AND PLANNING THE FIELD TRIAL

5 JANUARY 2018

MINUTES

Participants

1. Slavka Tzanova, TUS Sofia, Bugaria
2. Danilo Demarchi, Politecnico di Torino, Italy
3. Rosario Gil, UNED, Spain
4. Etienne SICARD, INSA Toulouse, France
5. Vladimir Stavrov, AMG Technology, Bulgaria
6. Elena Eyngorn, TU Berlin, Germany
7. Oliver Krammer, BME, Hungary
8. Malenko Tzanov, MASHO, Bulgaria
9. Norocel Codreanu, UPB-CETTI, Romania
10. Martin Klossek, eWorks, Germany

Results of the pilot test reported by Slavka:

- On-line questionnaires with a link on the project Web site.
- We have collected 302 answers from:
 - Students at TUS, POLITO, INSA, BMU, UNED, TUB, UKIM;
 - Professionals and managers from enterprises in micro- nanoelectronics and microsystems, electronics packaging and communication from all participating countries;
 - Teachers in micro- nanoelectronics from all participating countries;
 - System administrators at the universities and enterprises involved.
- Trainees' opinions and suggestions:
 - Most courses I reviewed and used hold valuable and useful information and knowledge;
 - As a student, I think these courses are well done and easily understandable;
 - The external links and multimedia sources are helping a lot to understand some of the concepts;
 - It would be useful introducing the possibility of downloading the courses;
 - At the end of each chapter I would add some questions to check if you really understood the concepts explained earlier;
 - Unify all documents style, use slideshows and videos;



- I suggest to add an option (if possible) for playing videos at various speeds. That way it will be less time consuming for those who learn faster, and easier to learn for those who are slow learners;
- A review section of the basic electronics concepts could be useful in order to cover the gaps inherent to the various topics;
- My suggestion would be just to insert maybe a curtain or an attachment to be consulted only if you need it so as not to bore those who have certain knowledge and not weigh too much the presentation but help those who have a background different from electronics;
- I would personally introduce a way to find what you are looking for in a easier way, like a search button;
- More text and description would be better sometimes;
- Most courseware has well-thought-out sections and material. Sadly, only a few courses point to resources for further reading outside the course in the form of references. In my opinion, this should be mandatory for every course. The multimedia materials often capture students' attention and are preferable when the material is available online;
- An option to read/view different documents at same time will be useful.

ToDo List

- To make corresponding changes in the courses and the environment according to the suggestions form the pilot test survey, all course developers;
- To plan the field trial and to perform it with the planned number of students and trainees: minimum 20 students per course;
- To ask students to answer the on-line questionnaire:
https://docs.google.com/forms/d/19nY5KIT6Ns-H9br6MvYd2J8HD7z3P3d-PVHgL9bUSWg/viewform?edit_requested=true
- Next training workshop for teachers by Spanish industrials on job-linked education held by the Spanish business partner INOMA Renovelables in Cadiz on 01-02 March2018.
- Next PSC virtual meeting – on 08 May from 11:00 CET.