

EDUNANO Minutes Meeting Torino, 19 – 20 September 2016

Agenda

19 September 2016

10h00-10h20	Welcome
10h20-11h20	WP1 Management. Overview of the status of the project and of the tasks and deliverables. (Slavka)
11h20-12h30	WP5. Field trial (Each partner reports the pilot test performed at her/his institution)
12h30-14h00	Lunch
14h00-17h00	WP5. Field trial (Each partner reports the pilot test performed at her/his institution)

20 September 2016

09h00-10h15	WP5. Field trial. Practice of Israeli students in Grenoble (Laurent and partners from students' universities)
10h15-10h30	Coffee break
10h30-12h45	WP5. Field trial. Practice of Israeli students in Torino (Danilo and partners from students' universities)
12h45-14h00	Lunch
14h00-14h30	WP2. Continuing analysis of the needs of the industry
14h30-16h00	WP6. Dissemination done and planned for the next period (All)
16h00-17h00	WP1 Financial management. Subcontract for re-distribution of budget for dissemination to BIU. Intermediate financial reporting and transfer of last advances (Slavka, All).
17h00	ToDo list and next meeting planning (All)

Participants

See the attached pdf file with the signatures of participants.

Welcome by Danilo Demarchi – meeting host

Status of project – Slavka Tzanova

General tasks and deliverables

- 1) All partners except Polito should send their financial reporting documents and excel tables for the audit and in order to receive next 30% of the budget.
- 2) Second term report tasks
Complete all course tasks by 31.10.16 must include the following:
 - a. Finish course recordings
 - b. upload to moodle including design and aesthetics
 - c. All to add visual image on the header
 - d. Upload all presentations
 - e. Upload all assessment tests
- 3) Pilot test to be completed **by 30.3.2017**
- 4) Each institute to give a written electronic report on the pilot test of their courses as soon as it is completed but no later than **30.3.2017**
- 5) Financial report and missing and new documents (invoices, mobility reports and boarding pass and timesheets) to be completed by **31.10.16**
- 6) Content and defined learning outcome – done
- 7) Moodle environment set-up - done
- 8) Pilot test – with at least 200 students almost complete – see table below
Min 20 students per partner institution must be involved in pilot test
Some institutions must complete pilot tests – see table below
50 industry personnel to take the courses free on line and take the survey.
60 teachers to take courses. (40 completed)
- 9) Questionnaire - must fill in via moodle questionnaire
- 10) Mobility of students –Weizmann interested in sending teachers to Grenoble CIME and/or POLITO Torino. 8 mobility spots left from Weizmann and 4 mobility spots for BGU
- 11) Problems buying equipment (computers) by Technion. Simcha to send Jack the request for a computer that she wishes to purchase
- 12) Weizmann – High school chemistry teachers. All took the course. Ron to upload the survey from teachers for the report.
- 13) Follow-up Need Analysis Survey –
We have collected 46 answers
20 respondents (43%) are from 17 different industrial companies
23 respondents (50%) are from academic institutes
The results of this survey represent mainly the opinion of companies' senior managers and academic institute researchers.
 - In most of the courses, at least 70% of the survey respondents rated the proposed courses skills and competences as fulfilling average or high/mandatory needs.
 - Most of the courses are relevant to at least 75% of the survey respondents.
- 14) Presentations given on EDUNano
 - a. IVS Rehovot 2015 – Tziona Elyakim
 - b. IVS Rehovot 2015 – Yuval Garini

- c. IVS Poster – Slavka
- d. Nano-Israel Tel Aviv 2016 – Efrat Bodner
- e. Malag – Ron Blonder
- f. CLINAM Basle 2016 – Jack Barkos
- g. Book Chapter – Ron Blonder, Sidney Cohen, Jack Barkos
- h. Booth Nanolsrael – Tel VAiv 2016 – Jack Barkos; Efrat Bodner.
- i. Booth IVS - Jack Barkos; Efrat Bodner
- j. Newsletter – Slavka, Jack, Ron, Efrat
- k. Rome – October 2016 - Slavka

Management

1. Project extension – done
2. VAT in EU universities – Not done; Need formal declarations from EU institutes
3. Request for next 30% of *Funds* – done
4. Payment transfer amendment letter to BIU – see draft - Agreement for the 526.4 EUR for BIU from all partners and amendment for student mobility between HUJI and Technion – Amendment letter was signed by all partners, originals to be sent to institute finance dept.
5. Exploitation agreement – must be signed by all partners
Draft letter will be sent to all partners for approval
6. Each partner to check their budget for meeting in Europe. (Bulgaria in February)

Summary of Course studies and pilot test

Institution	Status		Attended	Questionnaire
Microelectronics	All done	TUS	29	21
Materials	All done	TUS	29	
Journey through time and space	Given to college to high school students	BGU	19	19
Advanced Topics	Add PPT and title of lectures	BGU	5	-
Kinetics	headers	BIU	25	14
Nanoscience	Flip classroom - seminar	BIU	~20	
DNA		CIME		
Spintronics		CIME		
Supercapacitors	Modify titles of lectures	ELBIT	No pilot yet	No pilot yet
Quantum	Add titles;	HUJI	No pilot yet	No pilot yet
Humanity	Add some quizzes	HUJI	No pilot yet	No pilot yet
Bio-electronic devices	All done	POLITO	24 from Polito and 23 from	47

			Israeli universities	
Molecular electronics	All done	POLITO	24 from Polito and 23 from Israeli universities	
CAD for microsystems	All done	POLITO	Pilot still to do	
Intro to Surface science	Update titles	TAU	Also from Polito and WIZ for accreditation 16 WIZ; 2 POLITO; 25 from TAU	???
Simulation of MEMS		TAU	No pilot test – lab course	
Atomic simulation of materials		TAU	Update Pilot test	
Quantum Mechanics	Add syllabus; no quizzes – to check	TECH	No pilot test yet – will be done in semester 1 of 2016/2017 academic year	
Nano-biotechnology	Title for lectures, Quizzes and PPT presentation; check to see if recordings are complete	TECH	No pilot test yet – will be done in semester 1 of 2016/2017 academic year	
High school teacher		WIZ	40	16
SPM		WIZ	8 (1 from industry)	7

At the moment 291 (including 40 teachers) took the courses to date

Future Plans

Video Conference planned 31.10.16 at 14:00 to finalize the following topics:

1. Amendment letter finalization
2. IP rights declaration
3. Status of finishing touches of courses on Moodle
4. Survey completion for pilot tests

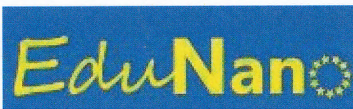
Final Meeting planned for 7-8 May 2017 in Israel



**EduNano meeting
Torino, Italy
19 September 2014**

List of Participants:

Name	Institute	Signature
Slavka Tzanova	TUS	
Dante Demarchi	POLITO	
Barokas Sock	TRU	
Ron Blonder	Weizmann	Ron Blonder
Efrat Bodner	BIU	E. Bodner
Gilbert Daniel Nassim	BIU	
Gabby Sarosi	BGU	
Vered Gilad	SNT	Vered Gilad
Tirza Lavi	HUSI	
Danny Porath	HUSI	
Simcha Srebnik	Technion	
Miri Ben Zvi	elbit	
Tsiona Elkayam	BGU	
Lament PESQUET	CITE	
George Angelov	TUS	
Nina Spasova	TUS	
Svetozar Andreev	TUS	
MAURIZIO MARTINA	POLITO	
GIANLUCA PICCININI	POLITO	



**EduNano meeting
Torino, Italy
20 September 2014**

List of Participants:

Name	Institute	Signature
Slavka Zanova	TUS	
Daniel Demechev	Polito	
Barokos Sack	TAU	
Ron Blonder	Weizmann	Ron Blonder
Efrat Balner	BIU	E. Balner
Gilbert Daniel Nessim	BIU	
Lobby Sarusi	R.G.U	
Vered Gilad	SNI	Vered Gilad
TIRZA LAVI	HUJI	
Danny Porath	HUJI	
Simcha Snehbuk	Technion	
Tsioua Elkayam	BGU	
Laurent Fesquet	CNRS	
George Angelov	TUS	
Nina Spasova	TUS	
Svetozar Andrejev	TUS	
Miri Ben Zvi	Elbit	
GIANNI PICCININI	POLITO	G. Piccini