

JTEL International Doctoral School and Consortium

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Outline

- Joint European Summer School in Technology Enhanced Learning
 - Background
 - Training opportunities
 - Organisation
 - Evaluation
- Doctoral Consortium at European Conference on Technology Enhanced Learning

NoE Academy: Community Building

- The Academy: Key integrating activity for Network of Excellence in TEL, now EATEL,
- Contributes to the creation of an institutional culture, bonding distributed researchers across Europe into one community,
- Provides a framework for structuring on- going research, training, and scientific leadership activities.

Academy: Scientific Leadership for the TEL community

Organisation of ProLearn training activities and scientific leadership initiatives:

- To establish and consolidate the co-ordination of scholarships, exchanges, research apprenticeship programmes and student competitions for the ProLearn doctoral programme.
- To orchestrate career planning and mentoring for the ProLearn Junior faculty programme.
- To plan and co-ordinate for the ProLearn Entrepreneurship programme, in collaboration with the ProLearn Virtual Competence Centre
- To design, plan, and evaluate the ProLearn Master's in Technology Enhanced Learning.
- To structure an online course in Technology Enhanced Learning.
- To plan and edit the ProLearn Journal.
- To identify the steering committee and programme for ProLearn conferences in Technology Enhanced Learning.

Training Opportunities

- JTEL Summer School for early-stage PhD students
- JTEL Doctoral Consortium for mid and later stage PhD students

Summer School Training Opportunities

- Research Conference:
 - Tutorials of the current state-of-the-art in TEL research,
 - Cross-fertilisation of information and ideas from researchers in the many fields that make up this interdisciplinary research area,
 - Multi-disciplinary forum for discussion, exchange of research ideas, development, and applications.

Summer School Training Opportunities

- Tutorials and workshops:
 - Hands-on activities which provide students an opportunity to use/create TEL tools,
 - Integration of TEL tools into course delivery and/or recording,
 - Practical activities which encourage students to reflect on how technology supports learning,
 - Collaborative, interactive activities to form a basis for future trans-network research relationships,
 - Pre-summer school activities and/or reading which will motivate PhD students to get to know each other before the summer school begins.

Summer School Training Opportunities

- PhD Forum
 - To offer PhD students an opportunity to present the current state of their PhD thesis,
 - To exchange experiences with each other about how to write a PhD thesis,
 - To get advice from the senior researchers and also from the other PhD students.

Summer School Training

- Scientific Leadership
 - Programme committee, reviewing papers,
 - Organising workshops,
 - Organising student lead activities,
 - Creating and maintaining summer school website,
 - Social networking,
 - Local Organisation,
 - Participating on IJTEL Editorial Board.

IJTEL Young Researcher Special Issue

State-of-the-Art in TEL in the *International Journal of Technology Enhanced Learning* (IJTEL)

IJTEL delivers research articles, position papers, critical literature reviews, surveys, and case studies with the goal to:

- provide a holistic and multidisciplinary discussion on technology enhanced learning research issues;
- promote international research collaborations and exchange of ideas and know-how on technology enhanced learning;
- investigate strategies on how technology enhanced learning can promote sustainable development.

Summer School Schedule

Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat
Evening welcome event	Summer School Programme	Summer School Programme	Summer School Programme	Summer School Programme	Summer School Programme	Summer School Programme	Half-day excursion and return to airport

Summer School Programme

8:00 – 9:00

Thematic Breakfast

9:00 – 10:30

Plenary: 2 X 45 min. conference

10:30 – 11:00

Coffee

11:00 – 12:30

Plenary: 2 X 45 min. conference

12:30 – 14:00

Lunch

14:00 – 15:30

Parallel workshops

15:30 – 16:00

Coffee

16:00 – 17:30

Parallel workshops

17:30 – 19:00

Sports

20:00

Diner

Examples of Course Topics

- **Deploying Technology Enhanced Learning**
 - Ubiquitous Technology Enhanced Learning
 - Services for Technology Enhanced Learning
 - Games and Interactive TV as Educational Tools
 - Learning Communities and Distributed Teams
 - Web 2.0 and Social Software for Technology Enhanced Learning
- **Learner Modelling and Personalisation**
 - Personal Learning Environments
 - Learner Assessment and Testing
 - Competencies in Workplace Learning
- **Metadata for TEL**
 - Learning Objects and Learning Repositories
 - Learning Design, Narrative and Navigation Models
 - Metadata in Search, Retrieval and Harvesting
- **Technology Enhanced Support for Organizational Learning**
 - Knowledge Management, Sharing and Learning
 - Business Processes and Learning
 - Knowledge Work Management
 - Deployment Strategies
- **Scalable Technology Enhanced Learning**
 - Network Infrastructures (Streaming, Peer-to-Peer Infrastructures)
 - Runtime Engines for Learning Design and Learning Objects
 - Semantic Web technologies
- **Theoretical and methodological foundations of TEL**
 - Formal / Informal Learning
 - Instructional Methods for Collaborative Learning
 - Collaborative Knowledge Building and Sharing
 - Communicative Modelling

Lectures (2008)

- Knowledge Maturing: How does knowledge within a community or organization mature over time? Perceiving this process as a learning process ([Andreas Schmidt](#) and [Pablo Franzolini](#), MATURE)
- Federation of repositories, metadata descriptions, usage metadata ([Stefaan Ternier](#), KULeuven)
- Informal, non-formal and formal learning; how to learn when nobody knows? ([Bernadette Charlier](#), PALETTE)
- A competence-based approach to formalize learning goals in work-integrated learning: Mapping Tasks and learning domain ([Tobias Ley](#), APOSDLE)
- [Personal Learning Environments](#) ([Graham Attwell](#), MATURE)
- Practice improvement by improving Communities of Practice ([France Henri](#), PALETTE and Melanie Ciussi, CERAM)
- Human-Computer Interaction issues in TEL with application to Awareness, Filtering and Recommender Systems ([Denis Gillet](#), PALETTE)
- Personal adaptive learning environments for life-long learning ([Paul De Bra](#), GRAPPLE)
- How to successfully design and implement collaborative Participatory Design in a multi-community project ([Bernadette Charlier](#), PALETTE)
- Semantic matching of Learning Resources based on Competency Gaps - The LUISA approach ([Ambjorn Naeve](#))



learning



Other activities (2008)

Workshops

- *Mobile and Contextualized Learning*
- *Pedagogical activity patterns*
- *Let's try to design reification services and scenario in use*
- *Personal Learning Environment (PLE) – a new learning concept or a new learning system?*
- *Community of practices*
- *Actor-network theory*
- *TEL Deconstruction*

Thematic Breakfasts

- **Senior Faculty Breakfast (Bernadette Charlier)**
- **Women's Breakfast (Katherine Maillet)**
- **Mentoring Breakfast (Paul De Bra)**
- **Clustering Breakfast (Christine Vanoirbeek)**



Selection Process

- The summer school is intended for PhD students investigating issues related to Technology Enhanced Learning
- The application should include a Curriculum Vitae and a summary describing the student's dissertation.
- Applications managed in Easy-Chair, reviewed by 3 members of the programme committee

Calendar

- December: Announce topics and venue for summer school
- January: Circulate announcement for summer school and finalize program
- February: Collect applications
- March: Deadline for applications
- April: Select students
- May: Inform students about acceptance, begin pre-summer school Flashmeetings
- June: Summer School
- July - Post summer school Flashmeetings

How did we do it?

The screenshot displays a video conference interface for the JTEL Summer School 2010. The interface is organized into several sections:

- Participant Grid:** A grid of video feeds showing participants. Visible names include Denis, Joris, Maren, Marie, Tomaz@JIS, Katherine, maria perifanou, Ralf, Nicolas Weber, Fridolin (OU), Ambjörn, and zina.
- Central Chat Window:** A window titled "JTEL Summer School 2010" with a tabbed interface (files, urls, chat, list). The "chat" tab is active, showing a list of participants joining the meeting with timestamps:
 - 00:00: Marcela
 - 00:00: Ambjörn
 - 00:00: Maren
 - 00:01: Milos
 - 00:39: Nicolas Weber
 - 00:48: Katherine
 - 00:57: zina
 - 01:10: maria perifanou
 - 01:34: Denis
 - 01:42: Cris
 - 02:02: Joris
 - 02:06: Sandy EPFL
- Timeline:** A horizontal timeline at the bottom showing the duration of the meeting (00:02:50 to 42:16). It features colored bars representing the activity of different participants: Katherine (blue), Ralf (red), Fridolin (OU) (purple), Ambjörn (yellow), and zina (green).

How did we do it?

- **Promotion**
- **Call/reviews for workshops/lectures**
- **Call/reviews for PhD students**
- **Local organization**
- **Student organization**
- **Student presentations/literature tasks**
- **Website information**
- **Material preparation (t-shirts, ...)**



NAVIGATION

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EATEL – THE EUROPEAN ASSOCIATION FOR TECHNOLOGY-ENHANCED LEARNING

Welcome to EATEL

The European Association of Technology-Enhanced Learning supports a network of European research laboratories and groups via [free services](#), sponsoring high profile TEL [events](#), a knowledge interchange, and a set of very active Special Interest Groups.

Read more [about us](#) or [join us](#) now.

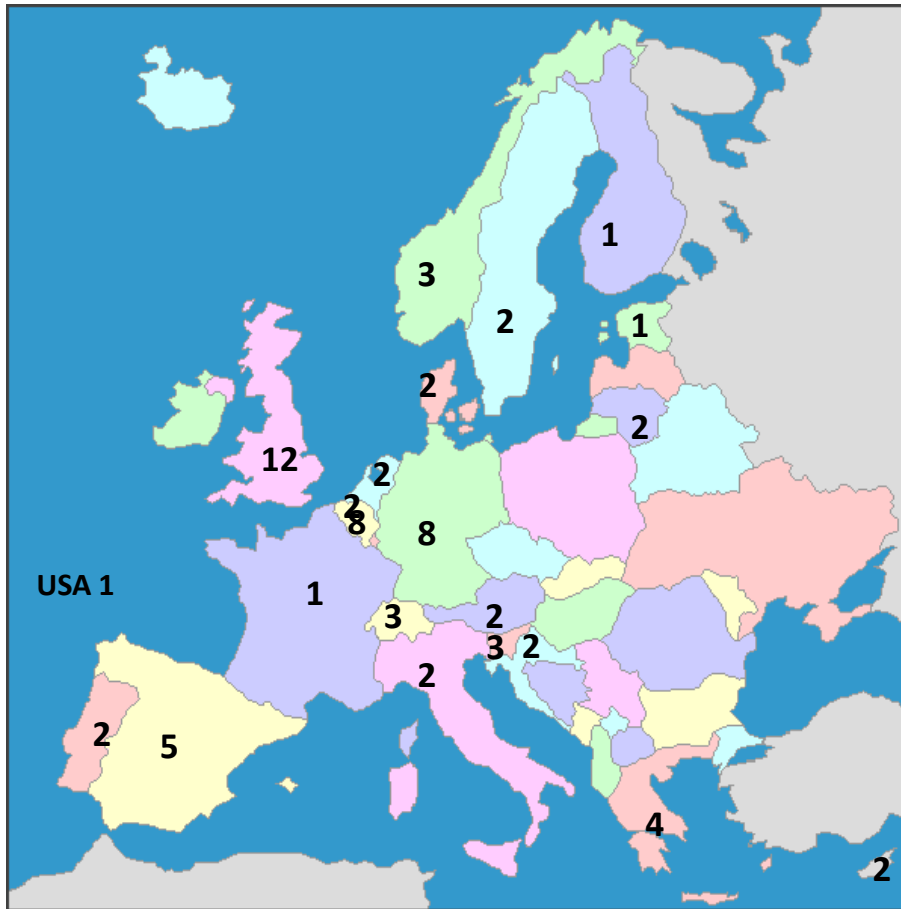


Announcements



Evaluation results

JTEL Summer School 2011: Participation



64 PhD applications

42 PhD participants

14 PhD participants
from previous summer
or winter schools

22 nationalities
represented by
PhD students

23 Lecturers and
Organisers

19 countries
represented
by institutions
participating
in the summer
school

36 men
29 women

Sponsors 2011

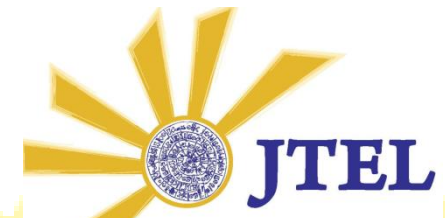


Tellnet - Teachers' Lifelong Learning Network
How can social learning networks support
teachers' digital competences?

www.tellnet.eun.org



Universidad
de Alcalá



CRETE - 2011
Joint European Summer School
On Technology Enhanced Learning

JTEL Summer School



Martin Wolpers
(Fraunhofer FIT)



Nikos Manouselis
(Greek Research & Technology Network)



Marie Joubert
(University of Bristol)



Milos Kravcik
(RWTH Aachen University)



Joris Klerkx
(Katholieke Universiteit Leuven)



Sandy El Helou
(Ecole Polytechnique Fédérale de Lausanne)



Fridolin Wild
(Open University)



Michael Derntl
(RWTH Aachen University)



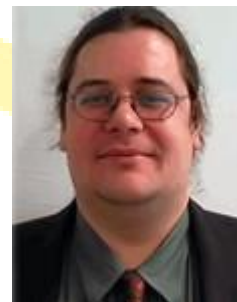
Ambjörn Naeve
(KTH Royal Institute of Technology)



Denis Ginepro
(Ecole Polytechnique Fédérale de Lausanne)



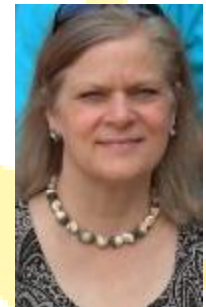
Margit Hofer
(Zentrum für Soziale Innovation)



Ralf Klamma
(RWTH Aachen University)



Tomaz Klobucar
(Institut Jozef Stefan)



Katherine Maillet
(Institut Telecom)

Organization Committee 2011



Maren Scheffel
(Fraunhofer FIT)



Nikos Palavitsinis
(Greek Research &
Technology Network)



Marcela Porta
(Institut Telecom)



Maria Perifanou
(University of Athens)



Martin Sillaots
(Talinn University)

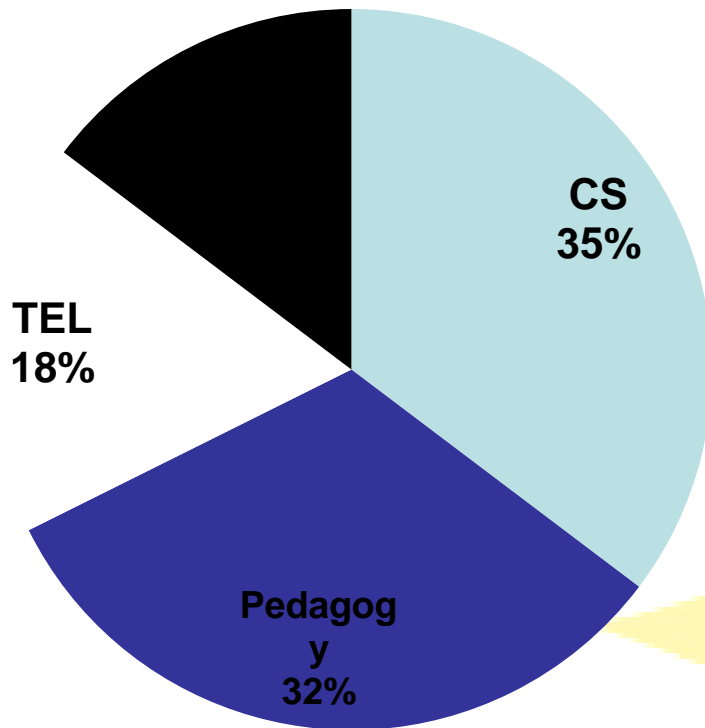


Zinayida Petrushyna
(RWTH Aachen University)



Peter Kraker
(Know-Center)

Domain of study

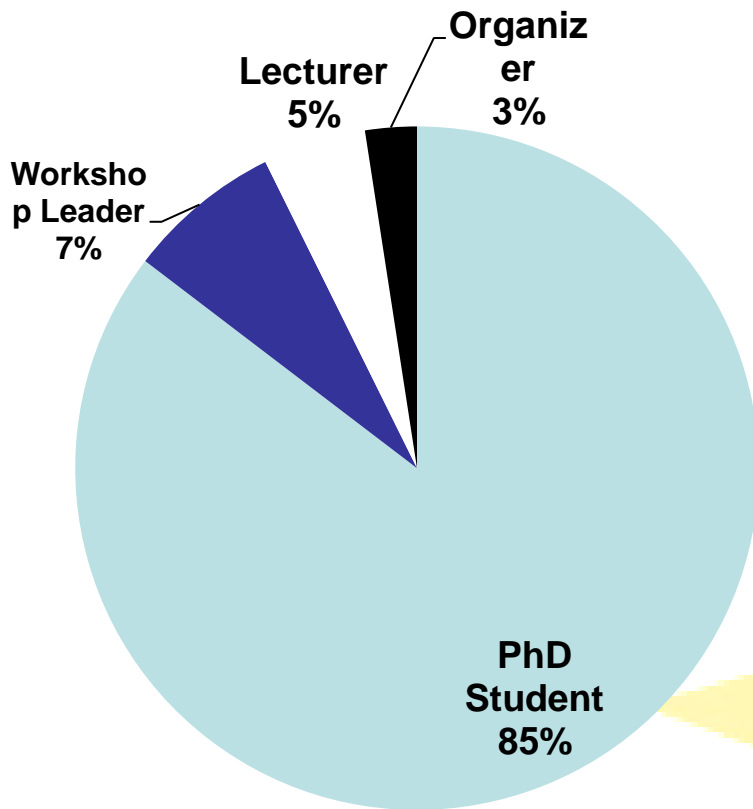


Computer Science and Pedagogy each represent a third of the participants. Only %18 of the participants identify themselves as researchers in TEL.

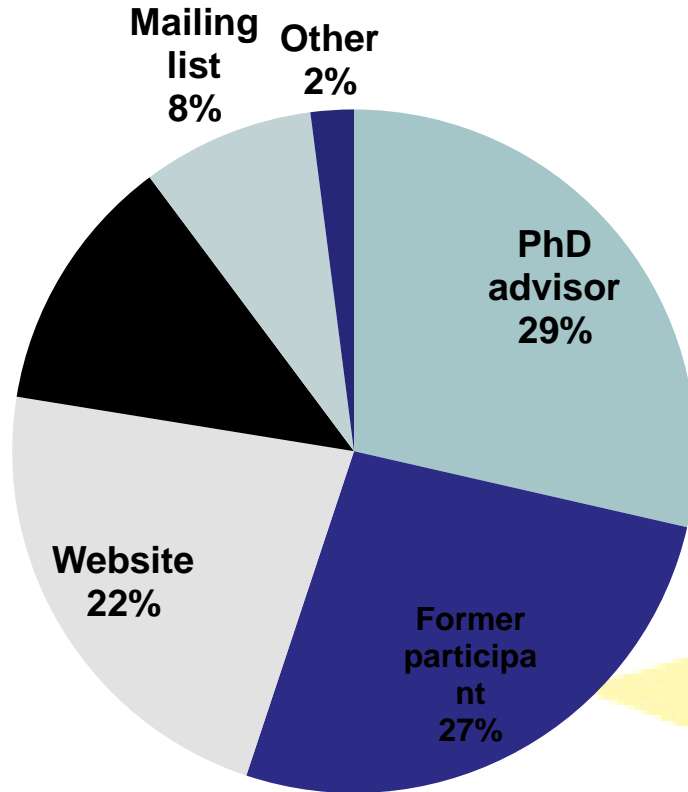
Among disciplines represented in "Other": Psychology and the participation of other disciplines that are currently implementing TEL, like medicine.

What was your role at the JTEL summer School?

85% of the participants were PhD students (a total of 35 attendants).

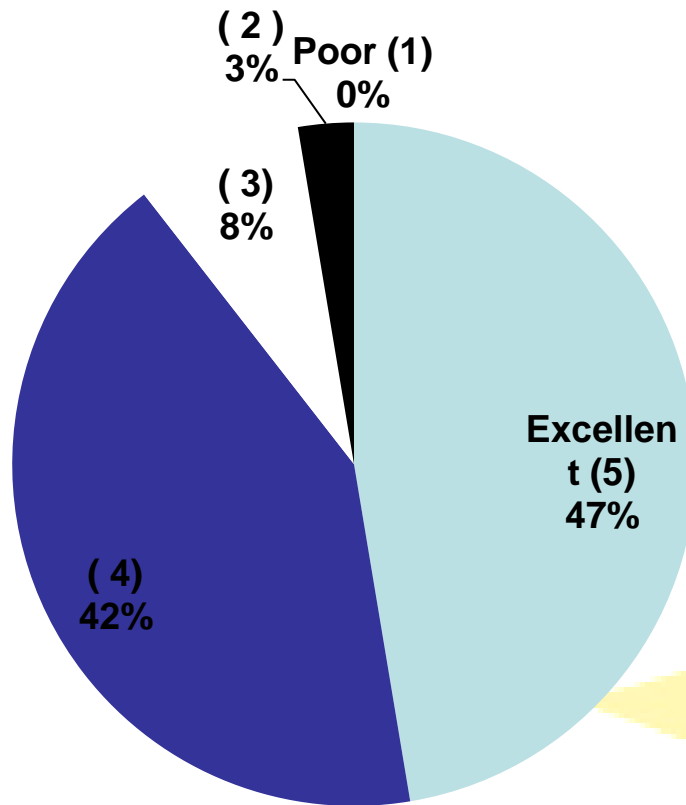


How did you heard about JTEL Summer School?



“Other”: additional newsletters.

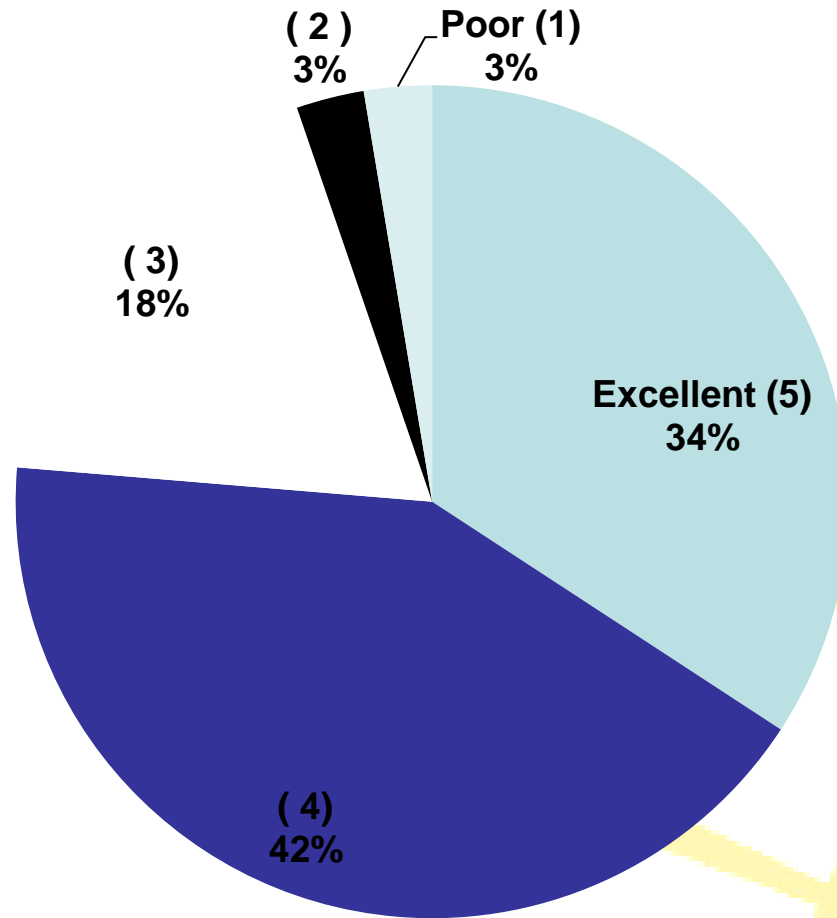
How would you rate the JTEL Summer School as a whole with respect to the professional and learning opportunities available to you?



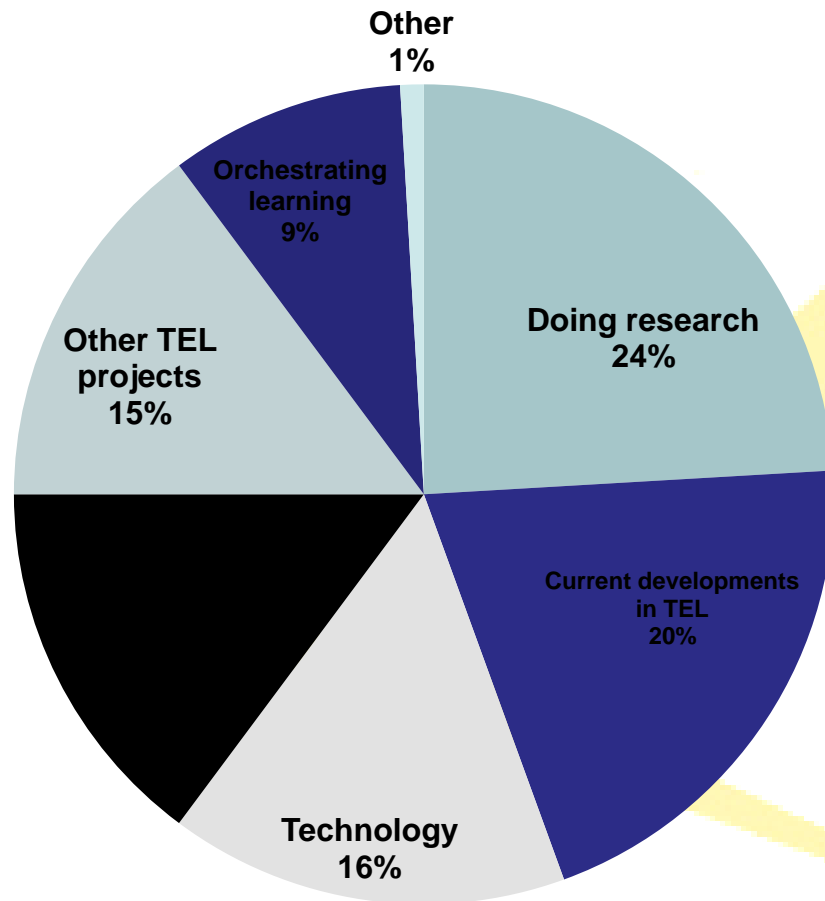
The Summer School was a great success in terms of lectures and workshop content.

Excellent = 5
Poor = 1

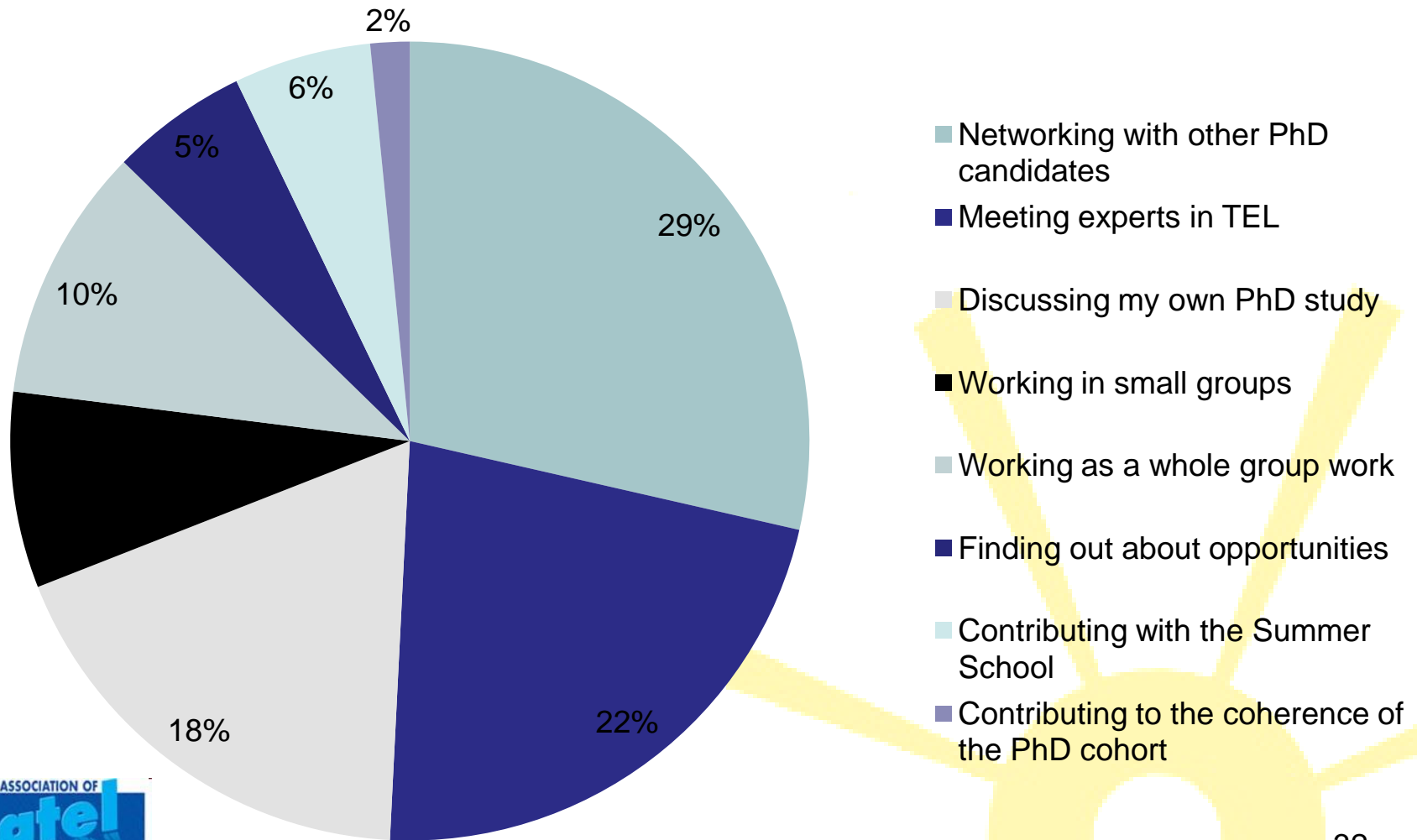
How relevant was the event for your research?



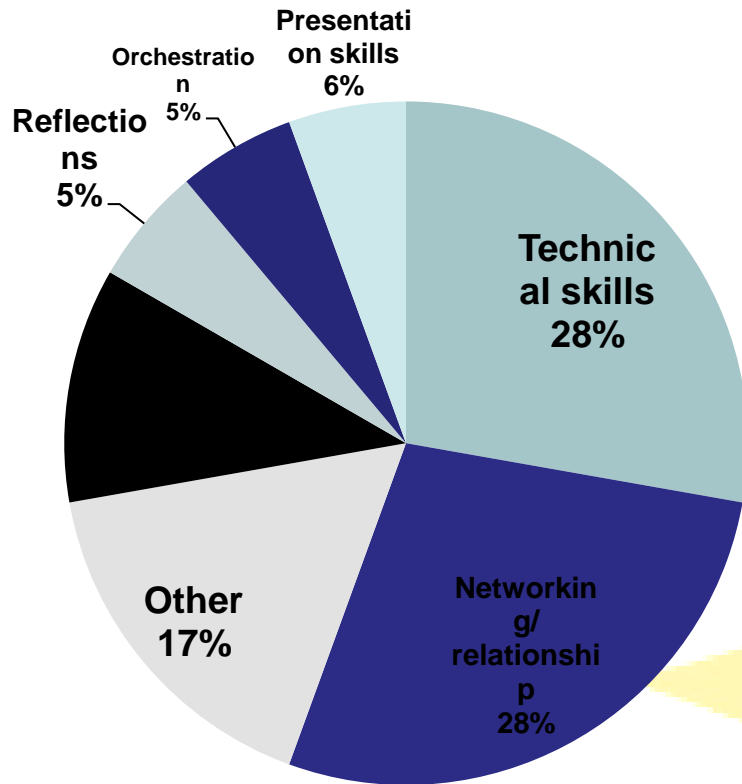
In terms of your learning, which aspects were most beneficial for you?



In terms of other professional benefits, what did you gain?



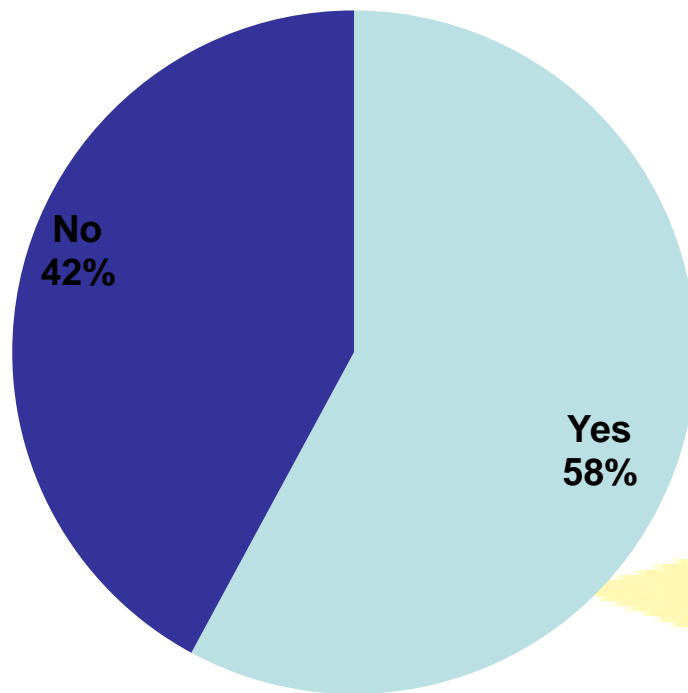
Please add anything else you would like to tell us in terms of what you gained from attending the school.



There were two predominant answers to this question:

1. Students would like to have more PhD guided sessions (how to write, investigate, how to publish, etc.)
2. They will like to acquire more TEL technical knowledge (definitions, fields, and theory).

Did you Twitter during the Summer School?



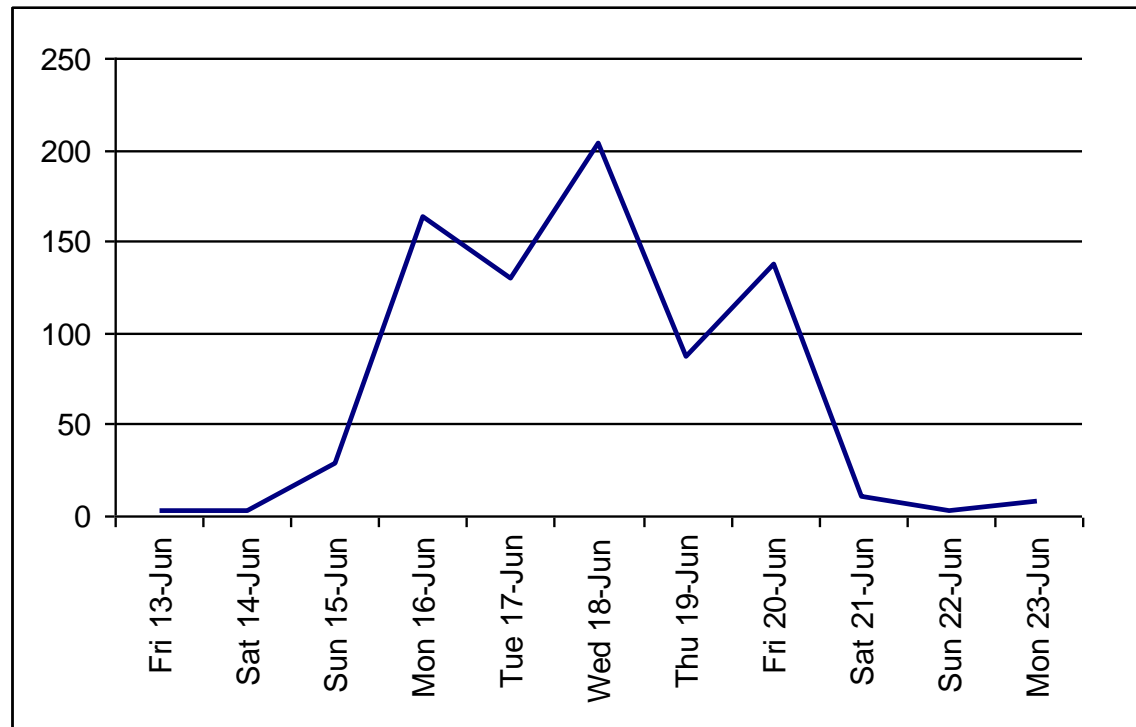
Reason to twitter:

- To see what participants thought of the school and to follow up on the links contained within the tweets.
- To share and record learned information.
- For the first time.
- For fun .
- Announcing current events, post results of group work
- To extend the exuberance of JTEL beyond the walls of the Hotel.
- To connect with the other attendances. To discuss questions related to the sessions.
- Networking and discussion. Comment on workshops and sessions.
- Backchannel conversation during sessions.
- For participating in one workshop and lecture.
- Sharing information, keep my colleagues on track.

Social Network

- www.prolearn-academy.org
- Twitter #telss11
- Flickr #telss11

Micro blogging in Palette-Prolearn Summer School 2008



Twitter (<http://twitter.com/>) micro blog was used

Twemes (<http://twemes.com/scohid>)

Topics (2008)

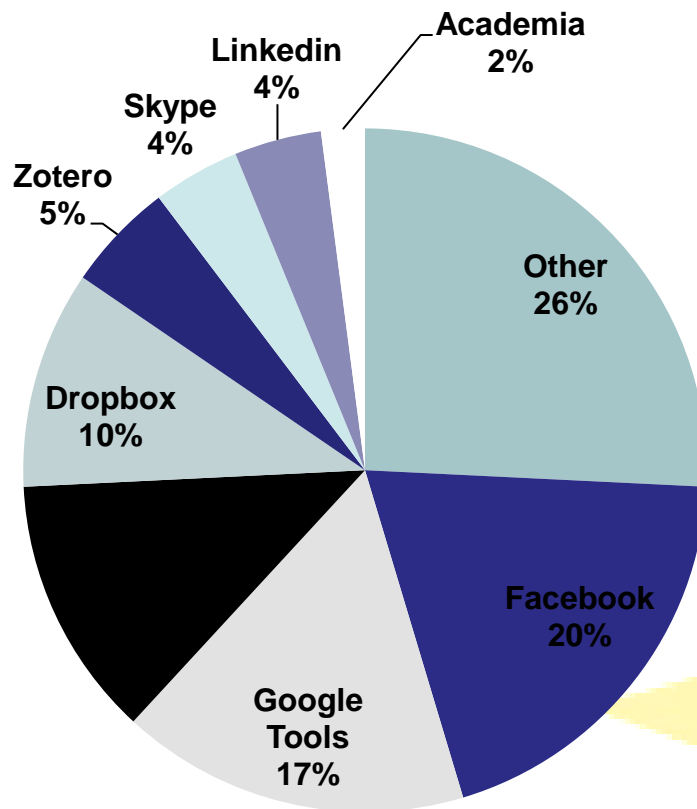
Blog entries were related with:

- Learning (reflection, discussion, questions, answers) – 509 entries
- Organizing learning activities (blogging, clusters, videos, photos) - 118
- Chat (not related with learning) - 75
- Other issues (travelling, sickness, internet) - 37
- Free Time (football, sports, disco) - 35

Blogging related to lectures and workshops (2008)

1. reflection (describing what's going on in session or copy of thoughts said by the presenter) - 245 entries
2. discussion (conversation about topics raised during the presentation or workshop) - 83
3. sharing (links to additional materials related with the presentation or workshop) - 54
4. question (questions to presenter) - 50
5. answer (answers to questions from fellow students or from presentation team members) - 33
6. criticism (critical remarks about presentation) - 18
7. slides (sharing the presentation slides) - 7
8. joke (funny comments about presentation topics) - 8
9. definition (probably those definitions were collected during one workshop)- 4
10. positive (positive remarks about presentations) - 4
11. ad (advertisements about approaching presentations or workshops) - 3

What other digital tools have you used during the Summer School to support your participation?



Other tools include:

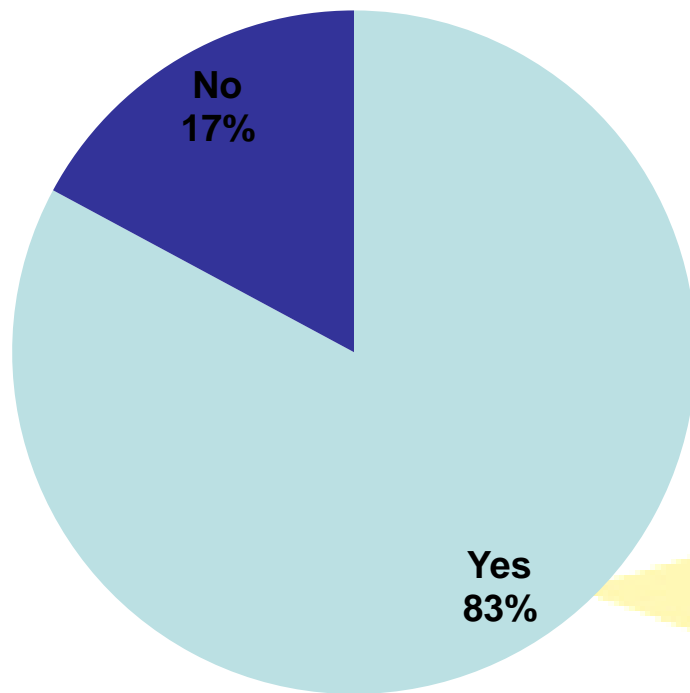
- Diigo
- Wordle
- Flashmeeting
- Twitter
- Flickr

Reasons for using the tool:

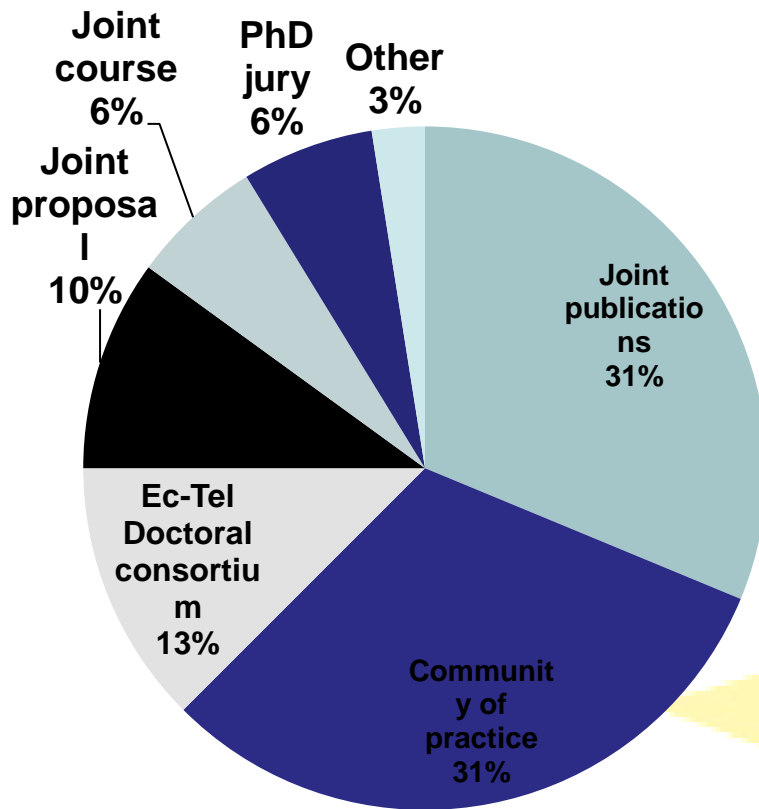
- I search in libraries and read in blogs instead of tweets.
- I use SN to keep contacts.
- I am trying to explore how to use virtual worlds in research.
- Quick file sharing distribution,
- Conduction about workshops and widget development.
- For sharing projects knowledge.
- Publishing photos,
- To look for JTEL news, to receive information from tutors and others.

Do you plan to participate in post JTEL Summer School activities like follow-up meetings?

Students are eager to continue their collaboration but are not all aware of the possibilities.

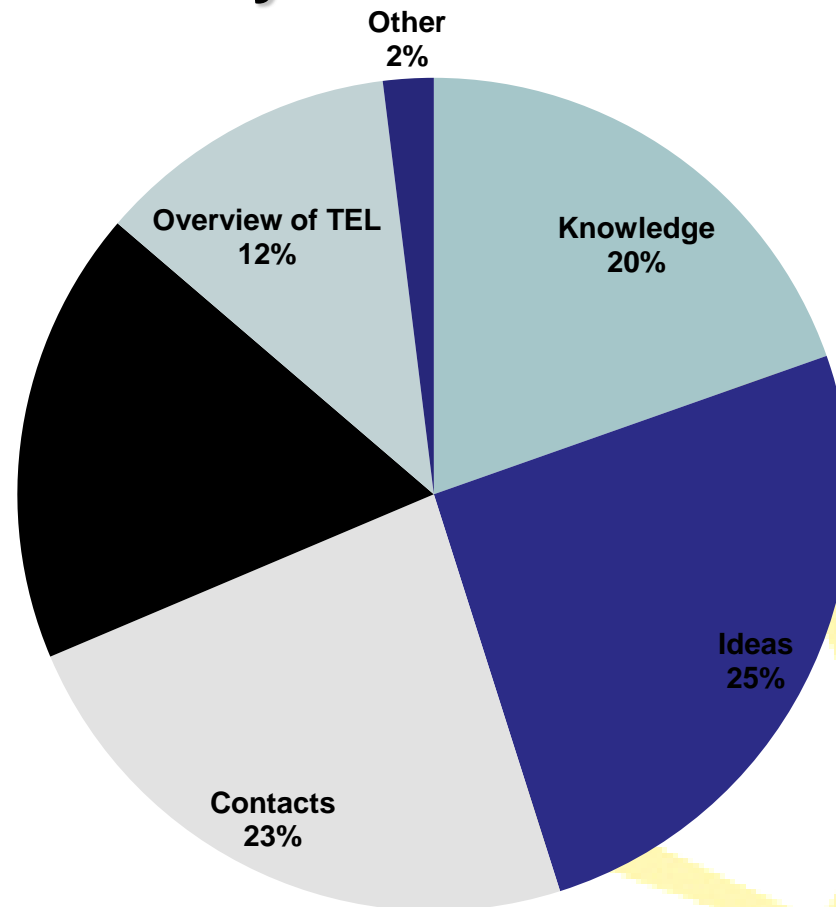


In what way do you plan to formalise networking relationships that you have developed at the summer school?

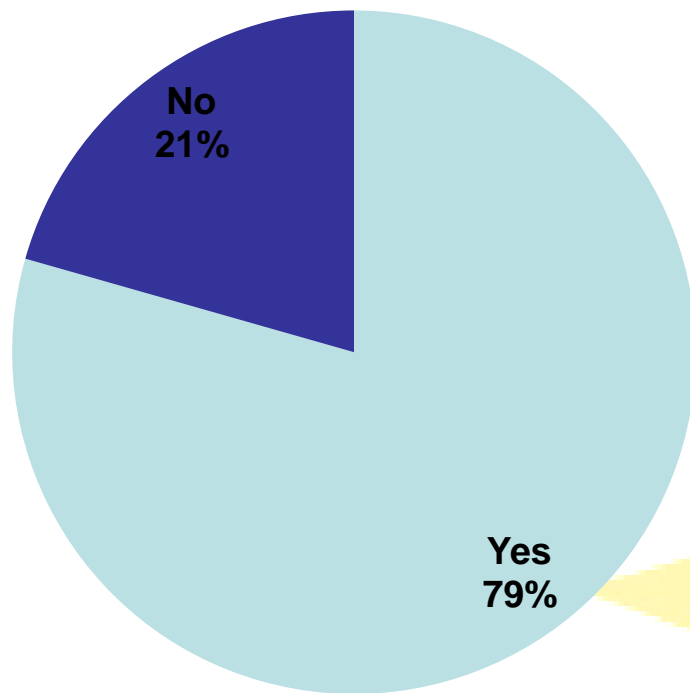


Perhaps we could encourage participants to include an acknowledgement to the JTEL Summer School in their publications which were enriched by the event. It could contribute to promoting the event among the research community.

For those students who have participated in a previous JTEL, could you give us some indicators about how the Summer School has had an impact on your PhD or other research work that you are involved in?



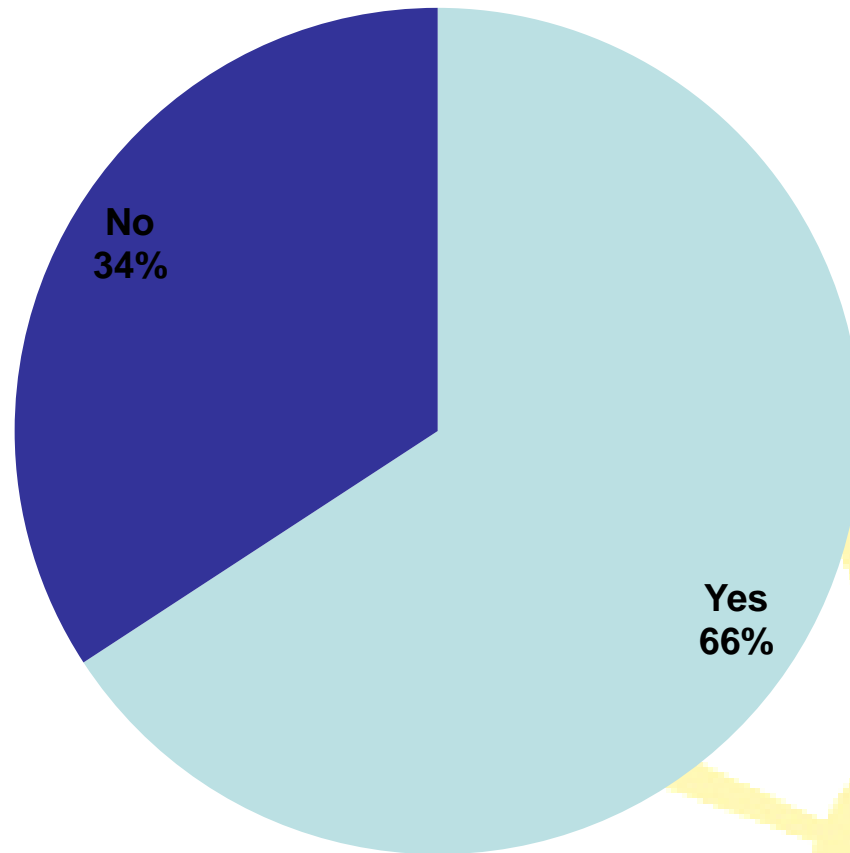
Are you planning to attend Summer School 2012?



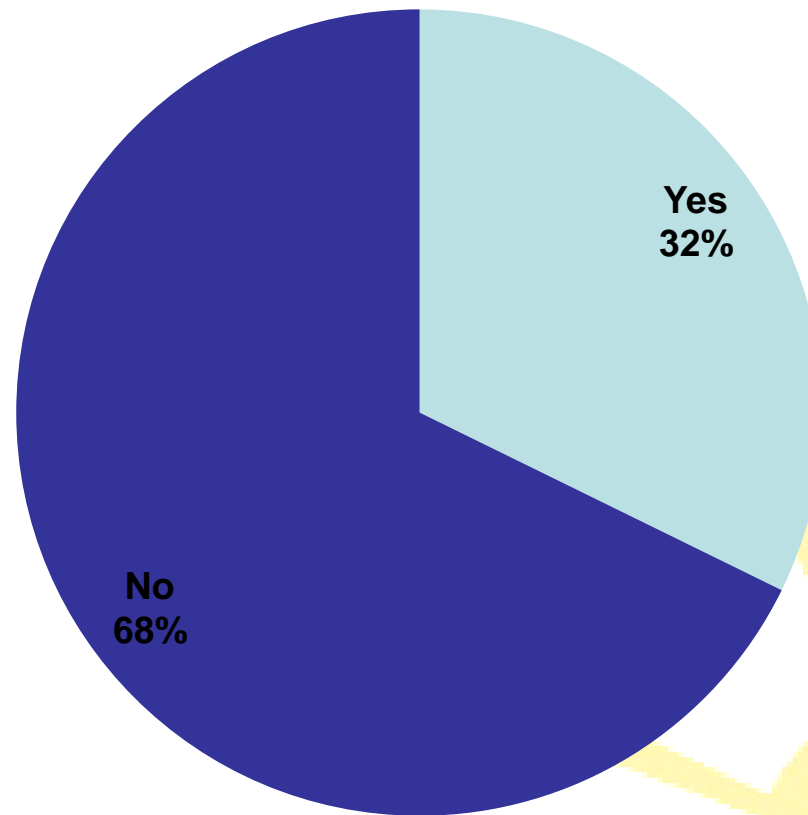
Financial issues are a concern among the students. Many students will come only if they find sponsoring.

Participation in the summer school also depends on the dates.

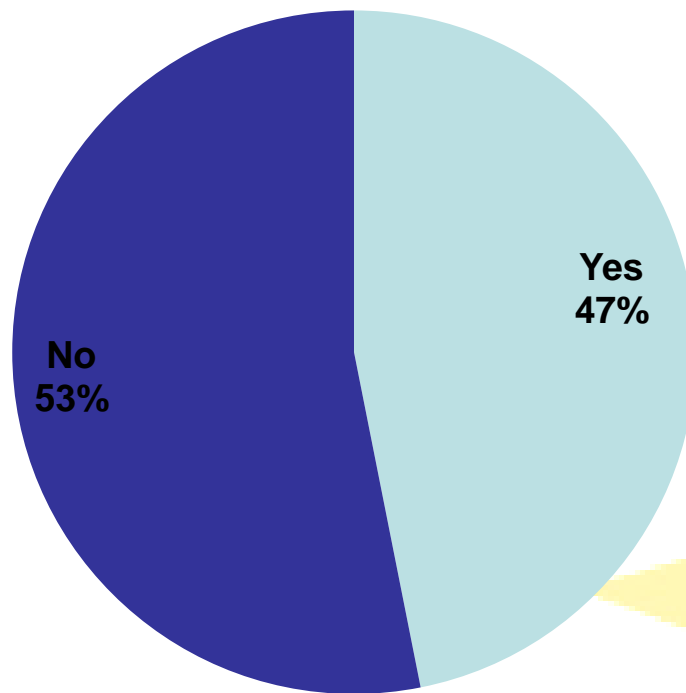
Did you have a scholarship to attend Summer School 2011?



Would your university or organization have financed your participation?

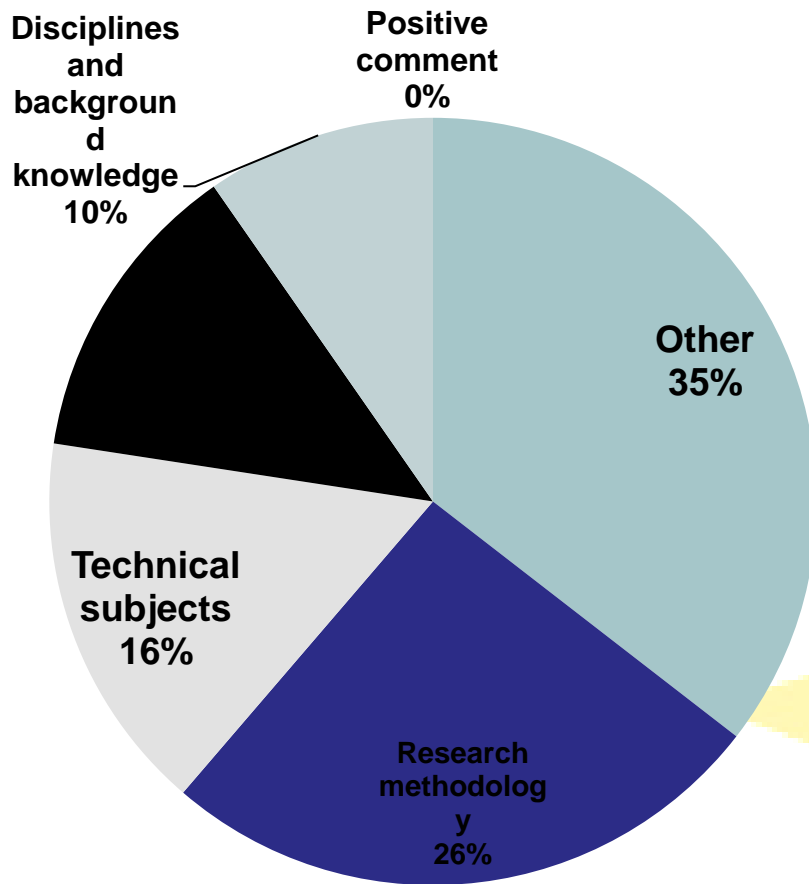


Did you develop any mentoring relationships at the Summer School?



Almost half the students developed a mentoring relationship.

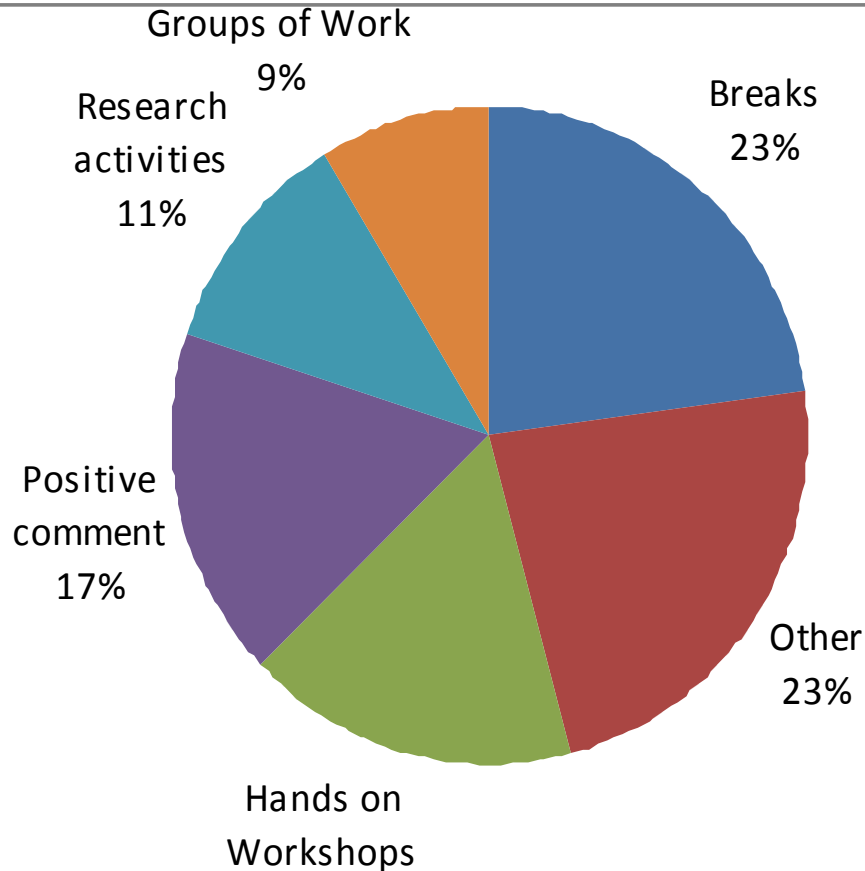
What are your suggestions and recommendations for Summer School 2012: Topics



Students are eager to have more training in:

- Research methodologies and PhD training,
- Specific technologies which enhance learning: mobile, HCI, social media, PLE, adaptive hypermedia, etc.,
- Education sciences: learning theories, how technology enhances learning,
- Interdisciplinary research.

What are your suggestions and recommendations for Summer School 2012: Activities/Organization



Several participants offered to organize workshops and lectures and to participate in the student committee.

Several attendants mentioned that the week full of activities and can be tiring.

Great success for JTEL Summer School 2011

"I have attended 3 JTEL SSs now (2009, 2010, 2011), and 2011 was by far the best".

was
appropriate

Good
summer
weather

I am very satisfied.

Very good organization.

Selection of Topics was
good,

Good reflections

Nearly perfect

The
participants
were great!

great location

Schedule and workshop topics well predefined.

They have my respect and gratitude.

Well

organized!

Doctoral Consortium at ECTEL 2011

<http://www.ec-tel.eu/>



Goals of the Doctoral Consortium

- To bring together Ph.D. students working on topics related to Technology Enhanced Learning.
- To offer Ph.D. students the opportunity to present, discuss, and receive feedback on their research in an interdisciplinary and international atmosphere.
- To provide PhD students with feedback from prominent professors and researchers in the field of Technology Enhanced Learning.
- To participate actively in the the EC-TEL conference.

Application Requirements:

- A clear formulation of the research question,
- An identification of the significant problems in the field of research,
- An outline of the current knowledge of the problem domain, as well as the state of existing solutions,
- A presentation of any preliminary ideas, the proposed approach and the results achieved so far,
- A sketch of the applied research methodology,
- A description of the Ph.D. project's contribution to the problem solution,
- A discussion of how the suggested solution is different, new, or better as compared to existing approaches to the problem.

Accepted students should prepare:

- 1. A firehouse introduction of themselves and their PhD project for the introductory session.

Duration: 60 sec max. No slides.

- 2. A poster of their PhD project to be used for introducing their project (15-20 minutes) and its main issues during the small group sessions.

Review

- All papers are reviewed by 3 members of the ECTEL programme committee
- Students reshape papers after review
- Each student has 40 minutes, 20 minute presentation followed by discussions, 2 discussants from the EC programme committee are assigned to each student

Calendar

- July 15, 2011: Deadline for submitting applications to the ECTEL Doctoral Consortium
- July 20, 2011: Notification of acceptance, Assignment of Peer Reviews
- August 15, 2011: Peer reviews and discussant reviews sent to students
- September 8, 2011: Final version of Doctoral Consortium Submission sent for publishing
- September 20, 2011: Doctoral Consortium at

EC-TEL 2011

SIXTH EUROPEAN CONFERENCE ON TECHNOLOGY ENHANCED LEARNING
TOWARDS UBIQUITOUS LEARNING
Palermo (Italy), 20 - 23 September 2011

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SUPPORTING ORGANIZATIONS

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www.uc3m.es

EC-TEL 2011 Keynote Speakers

Keynote speakers will be:

Chris Dede (Graduate School of Education, Harvard University, USA): *"Emerging Technologies, Ubiquitous Learning, and Educational Transformation"*.



Chris Dede is the Timothy E. Wirth Professor in Learning Technologies at Harvard's Graduate School of Education. His fields of scholarship include emerging technologies, policy, and leadership. [Read more at his personal website](#)

Carlo Perrotta (Futurelab, UK): *Ubiquitous learning vs. the value of boundaries: reflections on five years of "innovation in education"*.



Carlo's main research interests in Futurelab include participatory design, educational futures, game-based learning, creativity and technology- enhanced learning. [Read more at his personal website](#)

EC-TEL 2011
ECTEL2011

Last week for ECTEL submissions. Deadline April 4th. Great conference shaping up. Interesting keynote speakers <http://bit.ly/fqWN1t>
22 hours ago reply

ECTEL 2011 to become media partner with elearningeuropa.info
5 days ago reply

Two weeks for paper submission deadline! Two great Keynote Speakers Chris Dede and Carlo Perrotta. Join us Sep 20 in Palermo! [#ectel2011](#)
7 days ago reply

twitter
Join the convers

Join us in 2012



Links to Summer Schools

- PROLEARN Summer School 2005
(<http://www.prolearn-academy.org/Events/Past%20Events/SS05/>)
- PROLEARN Summer School 2006
(<http://www.prolearn-academy.org/Events/Past%20Events/SS06/>)
- PROLEARN Summer School 2007
(<http://www.prolearn-academy.org/Events/Past%20Events/summer-school-2007/>)
- PROLEARN-PALETTE-EATEL Summer School 2008
(<http://www.prolearn-academy.org/Events/Past%20Events/summer-school-2008/>)
- Joint European Summer School on Technology Enhanced Learning 2009
(<http://www.prolearn-academy.org/Events/Past%20Events/summer-school-2009/>)
- JTEL Summer School 2010
(<http://www.prolearn-academy.org/Events/summer-school-2010/>)
- JTEL Summer School 2011
(<http://www.prolearn-academy.org/Events/summer-school-2011/>)

Links to papers from Doctoral Consortium

- Doctoral Consortium at ECTEL 2006
(<http://www.prolearn-academy.org/Events/Past%20Events/ectel>)
- Doctoral Consortium at ECTEL 2008
(<http://www.ectel07.org/dc-ectel08>)
- Doctoral Consortium at ECTEL 2010
(<http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-709/>)