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PALETTE

Pedagogically sustained Adaptive LEarning Through the exploitation of Tacit and Explicit knowledge

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Thematic Priority: Technology-enhanced learning

D.TRA.03 –PALETTE strategy for external trainings

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Deliverable manager

- Luc Vandenabeele – CRP HT

List of Contributors

- Luc Vandenabeele –CRP HT
- Liliane Esnault- AESCRA - EM LYON
- + members of meetings between PROLEARN & PALETTE

List of Evaluators

- Christine Vanoirbeek - EPFL
- Elodie Primo - MindOnSite

Summary

This document presents the strategy proposed by the consortium concerning the external training sessions in PALETTE.

The development of such external learning activities is complementary with those proposed directly to internal members of the partnership's institutions, due to the diversity of cultures and background among PALETTE researchers and those proposed in the framework of the awareness seminars dedicated to the CoP members. These external trainings aim at bringing to the PALETTE researchers and experts rich and fruitful exchanges with researchers in Europe working in the same fields of expertise as those studied and analysed in PALETTE.

The document is articulated in two main parts.

Firstly, it explains the concept and the characteristics of external training in PALETTE.

Secondly, the document presents the implementation of these external trainings through the design and realisation of a joint summer school organized in close collaboration with the Network of Excellence PROLEARN.

The outcomes of the Summer School will be integrated in the deliverable D.TRA.04.

Acknowledgment of recommendations from First Annual Review

During the first annual review made in April 2007 in Luxembourg, the reviewers recommended to us to establish a specific strategy concerning the activities leaded in task 8.2 about external training as the impact for the project was not so clearer than for internal and awareness trainings. This document aims at presenting this strategy.

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1. Introduction

1.1. Purpose of the deliverable

Following the first annual EU review of the project, the reviewers recommended to us to establish a specific strategy concerning the activities leaded in task 8.2 about external training as the impact for the project was not so clearer than for internal and awareness trainings.

This document proposes the PALETTE strategy regarding the external training developed in the project. In other words, it describes what are the objectives retained by the consortium to organise external training sessions.

1.2. Content of the deliverable

This document is articulated in two main parts.

In the first one, we will describe the concepts and objectives related to the organisation of the “external trainings” and the impact of these activities expected for the project. In this part, we will detail the purpose, the targeted audience, the kind of content and the main characteristics relevant for these training activities.

In the second part, we will describe the choice made by the PALETTE consortium to implement the external training through the design and realisation of a joint Summer School organised in close collaboration with the Network of Excellence PROLEARN dealing with technology enhanced professional learning. In this part, we will focus on a brief history reflecting the exchanges and collaboration made with PROLEARN members since last Fall in order to design the concepts and content of the Summer School before to describe in a second section the objectives, the scheduling, the programme topics, the eligibility and application process, the organisation committee and finally the logistical aspects as the venue description and the accommodation.

1.3. Relation with other deliverables and productions within PALETTE

This document builds upon the IP2 description of work for WP8.

It takes into account the recommendations and findings of deliverables D.TRA.01 for content of trainings and D.TRA.02 for the instantiation of pedagogical framework for the summer school.

The deliverable D.TRA.04 will integrate all the proceedings resulting from this 5 days training session gathering researchers and experts in Europe working in the fields of expertise which promote the advancement of TEL.

2. Concept of External trainings

2.1. Purpose

Unlike the internal training sessions and the awareness seminars which are mainly focused on people inside the scope of the PALETTE consortium (i.e. the PALETTE members and the CoP members included in PALETTE), the external training sessions are more open and wish to also include experts from outside the scope of the PALETTE consortium.

As mentioned in D.TRA.01, the first idea beyond the task 8.2 described in IP1 was to answer to the objective “*Contribute to vocational and post- training programs related to technology enhanced learning*” by proposing PALETTE trainings for professional or scientific experts, especially within partners’ institutions but not only, who could either give some feedbacks regarding the PALETTE findings or be the prescribers of the development of communities of practice and/or the use of PALETTE services for already existing or emerging communities.

Initially, the category of targeted persons was those participating to existing vocational and academic training programs within the partners’ institutions. In these courses or programs, it was not too difficult to implement findings of PALETTE even if we do not have enough power in our institution, as PALETTE researchers, to develop entire new “PALETTE programs”.

Nevertheless, in order to implement the recommendations made by the reviewers during the first annual review, the consortium has decided to design and realise an external summer school, opened to students and experts covering the different areas of research made in PALETTE in order:

- to confront ideas and outcomes from PALETTE and to enable a fruitful exchange with external experts
- to consolidate and validate learning coming from the PALETTE outcomes and findings.

For these reasons, the impact of the external training activities will reinforce and will be complementary to those brought directly in the framework of the internal trainings and the awareness seminars.

2.2. Audience

Reflecting the point 2.1, and in order to encourage exchanges and confrontation about PALETTE findings, external training sessions should address and mix two categories of public:

- They concern, by definition, people outside PALETTE partnership (external participants) having experience in the different areas covered by the project such as:
 - o Scientific experts
 - o Professionals
 - o PhD students
- And they also include people from the different PALETTE partners' institutions (internal participants) among the 60 researchers participating in the project such as:
 - o PhD students
 - o Young researchers
 - o Experts

2.3. Topics

The topics proposed in the frame of the external training represent the main threads of developments of PALETTE at the research level: general functioning of CoPs, learning processes in CoPs, methodology and development of services and they tend to cover the aspects mentioned below:

- Issues about Communities of Practice:
- Issues about learning processes in relation with CoPs:
- Issues about Participatory Design and Actor-Network Theory
- Issues about technical standards and architecture
- Issues about tools, services, usability and their impacts on CoPs practice

2.4. External training characteristics reflecting the objectives

General characteristics of the external trainings should include the following elements:

BEFORE THE TRAINING

- Proposed topics must of course deal with PALETTE findings.
- The application for participation should be peer-reviewed by both internal and external experts to propose some clusters of participants dealing with the same issues and topics and encourage constructive feedbacks on the progress made in their research areas.

DURING THE EVENT

- Participants should mix internal researchers from PALETTE and external ones.
- The pedagogical scenario used in the lecture and workshop sessions should encourage exchanges and active participation of trainees. The framework model for designing training activities proposed in D.TRA.02 could be a useful tool to enhance these training sessions (cf. D.TRA.02 for more details on the framework).

AFTER THE EVENT

- Proceedings of all training sessions should be formalized, integrated and made at disposal not only of the participants but also to all the PALETTE researchers as well as the community of scientific experts working in the same fields than PALETTE.

3. Implementation of external training activities

3.1. from IP1 to IP2

To implement this concept for external training, the PALETTE consortium worked on the design of an external Summer School, as proposed during the last review meeting in April 2007.

We had the opportunity to contact the Network of Excellence PROLEARN¹ in order:

- to encourage synergies and join efforts to gather people working in the fields of expertise which promote the advancement of TEL,
- to co-organise a Summer school perfectly aligned with the concepts mentioned at point 2.

Regular meetings between PALETTE and PROLEARN members occurred since September 2007 to design the whole concept for this joint summer school. The following table outlines the main steps until now:

September	contacts between PALETTE and PROLEARN to collaborate together
October	composition of the team representing PALETTE during the discussion with PROLEARN members: <ul style="list-style-type: none">- Denis Gillet (as EPFL is a partner in the NoE PROLEARN),- Liliane Esnault and Luc Vandennebeele (as WP8 leaders).
November	Flashmeetings with PROLEARN representative to fix the main objectives of the summer school, the location and the possible dates.
December	Flashmeetings and face to face meeting in Paris with PROLEARN representative to define a general planning of actions to be undertaken until June. WP8 Face to face meeting in Lyon during the PALETTE plenary meeting in order to precise the topics proposed by PALETTE and the composition of the programme committee and scientific committee.
January	Flashmeetings and face to face meeting in Paris with PROLEARN representative during the PALETTE SC meeting to determine the “call for participation” and communication aspects.
February	Flashmeetings to work on the programme
March	Flashmeetings every other week to finalise the programme, follow the applications, define the review process and work on logistic and organisation aspects.

¹ Cf. PROLEARN web sites: www.prolearn-project.org and <http://www.prolearn-academy.org> for more information about this Network of Excellence financed by the IST (Information Society Technology - Contract number 507310) programme of the European commission dealing with technology enhanced professional learning. Their mission is to bring together the most important research groups in the area of professional learning and training, as well as other key organisations and industrial partners, thus bridging the currently existing gap between research and education at universities and similar organisations and training and continuous education that is provided for and within companies.

3.2. Description of the Joint Summer School in collaboration with the Network of Excellence PROLEARN

The following description is the result of work carried out in close collaboration between PALETTE and PROLEARN.

Target

The Summer School will bring together PhD students with experienced researchers from PALETTE, PROLEARN, or from top international institutions in or across the scope.

Objectives of the Summer School

The ambition is to foster cross-domain training and collaboration opportunities among researchers in Europe and beyond, working in the disparate fields of expertise which promote the advancement of TEL at the workplace. The programme includes lectures and working sessions from leading professors in the field, tutoring, mentoring, and joint research opportunities. Additionally the school will offer practical sessions in research methodology for Technology Enhanced Learning. Advanced PhD students will be identified to present their research at the Third European Conference on Technology Enhanced Learning in Maastricht, The Netherlands, September 17-19, 2008 (<http://www.ectel08.org>), and to participate in EATEL thematic workshops.

This year the PROLEARN/EATEL – PALETTE joint Summer School will benefit from a special grant from SEEERA.NET to promote collaboration with the Western Balkan countries. The summer school has the pro-active support from a growing number of EU IST and eContent funded R&D projects such as APOSDLE, MATURE, iCAMP, PROLIX, MACE, TENCompetence, GRAPPLE, and ARIADNE.

Scheduling

There are several main dates to retain.

- One concerns the deadline for applications. The first date originally scheduled on March 15 has been postponed to March 28 in order to extend the list of candidates (52 applicants until now, but some more are expected).
- The notification of acceptance will be made on May 1, 2008
- The pre-Summer School videoconferences will begin on May 15, 2008
- The Summer School will start on June 15 and end June 21 2008.

Programme Topics

The first list of topics proposed during the December meetings was the following:

- Collaborative Design between Educational Scientists and Computer Scientists
- Creation of and Access to Knowledge and Learning Resources
- Practice Modelling, Management & Mining for TEL
- Personalisation & Adaptation in Learning Environments
- Privacy and Security
- Pedagogy, Life-Long Learning, and TEL
- Individual, Social & Organisational Learning Processes
- Interoperability: TEL Standards, Models, Processes, Tools

- Research Techniques
- The Future of TEL

This list allowed establishing the programme for the 5 days training sessions. The final version² which combines lectures sessions, workshops sessions, as well social events and sport activities is described in the following table.

SUMMER SCHOOL 2008 PROGRAMME

.....Lectures
 Workshops
 Social events
 Sport activities

Day	Time	Programme
Saturday, June 14	17.00-20.00	Summer School Registration
Sunday, June 15	8.30 – 9.00	Summer School Registration
		Boat trip to St. Naum Dinner at the Hotel Coctail reception
Monday, June 16	9.00-9.45	Summer School Official Opening and Conference Overview Welcome speech from the summer school chairs GET TO KNOW EACH OTHER
	9.45-10.30	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)
	10.30-11.00	Coffee Break
	11.00-12.30	Federation of repositories, metadata descriptions, usage metadata (Martin Wolpers, MACE) A framework for interoperability of services; standards, models, processes, tools (Christine Vanoibeek, PALETTE)
	12.30-14.00	Lunch
	14.00-15.30	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Parallel Workshop A Reflections on knowledge modelling as a maturing and learning process (Andreas Schmidt and Tobias Ley, MATURE, APOSDLE) </div> <div style="width: 45%;"> Parallel Workshop B Interdisciplinary collaborative research methodologies (Murray Saunders, PALETTE) </div> </div>
	15.30-16.00	Coffee Break
	16.00-17.30	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Parallel Workshop A Reflections on knowledge modelling as a maturing and learning process (Andreas Schmidt and Tobias Ley, MATURE, APOSDLE) </div> <div style="width: 45%;"> Parallel Workshop B Interdisciplinary collaborative research methodologies (Murray Saunders, PALETTE) </div> </div>
	17.30 -19.00	Sport activities (participants, sign up at the information desk)
	19.30	Dinner
Tuesday, June 17	8.00-9.00	Junior / Senior Faculty Breakfast
	9.00-10.30	Informal, non-formal and formal learning; how to learn when nobody knows? (Bernadette Charlier, PALETTE)
	10.30-11.00	Coffee Break
	11.00-12.30	A competence-based approach to formalize learning goals in work-integrated learning: Mapping Tasks and learning domain (Tobias Ley, APOSDLE)
	12.30-14.00	Lunch
	14.00-16.00	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Parallel Workshop A Pedagogical activity patterns (Kai Pata and Terje Våljataga, iCamp) </div> <div style="width: 45%;"> Parallel Workshop B How to pimp my PhD 2008 (Margit Hofer, PROLEARN) </div> </div>
	16.00-16.30	Coffee break

² Dated March 18, 2008

	16.30-18.00	Round table with professors from Balkan countries	
	18.00 -19.00	Sport activities (participants, sign up at the information desk)	
	19.30	Dinner	
Wednesday, June 18	8.00-9.00	Woman's Breakfast	
	9.00-10.30	Personal Learning Environments (Graham Attwell, MATURE)	
	10.30-11.00	Coffee Break	
	11.00-12.30	Human-Computer Interaction issues in TEL with application to Awareness, Filtering and Recommender Systems (Denis Gillet and Stéphane Sire, PALETTE)	
	12.30-14.00	Lunch	
	14.00-15.30	Workshop A	Workshop B
		Mobile and Contextualized Learning Why to connect real world and learning activities. Studies, best practice, and hands on workshop. Using network analysis methods for evaluating the success of (mobile) technology enhanced learning (Marcus Specht and Ralf Klamma, TENCompetence, PROLEARN)	Personal Learning Environments (Graham Attwell, MATURE)
	16.00-24.00	Excursion to St. Jovan Bigorski and Gala Dinner in mountain village Vevcani	
Thursday, June 19	8.00-9.00	Mentoring Breakfast	
	9.00-10.30	Practice improvement by improving Communities of Practice (France Henri, PALETTE)	
	10.30-11.00	Coffee Break	
	11.00-12.30	Pau de Bra	
	12.30-14.00	Lunch	
	14.00-15.30	Parallel Workshop A	Parallel Workshop B
		Community of Practices (Liliane Esnault and Amaury Daele, PALETTE)	Acceptance of TEL: Factors for Success and Failure (Sebastian Kelle, Patrick Johnscher)
	15.30-16.00	Coffee Break	
16.00-17.30	Parallel Workshop A	Parallel Workshop B	
	Community of Practices (Liliane Esnault and Amaury Daele, PALETTE)	TEL Deconstruction (Denis Gillet, PALETTE)	
18.00 -19.00	Sport activities (participants, sign up at the information desk)		
19.30	Dinner		
Friday, June 20	8.00-9.00	Clustering Breakfast	
	9.00-10.30	How to successfully design and implement collaborative Participatory Design in a multi-community project (Bernadette Charlier, PALETTE)	
	10.30-11.00	Coffee Break	
	11.00-12.30	Incremental Formalization in Collaborative Learning Environments (Nikos Karacapilidis, PALETTE)	
		Individual versus community learning: Applications of Web 2.0 and social software (Denis Gillet, PALETTE and Ralf Klamma, TENCompetence, PROLEARN)	
	12.30-14.00	Lunch	
	14.00-15.30	Parallel Workshop A	Parallel Workshop B
		Understanding the concerns of each community through Actor-Network Theory; starting an alignment process; building upon boundary objects (Liliane Esnault, PALETTE)	Implementing a methodical looping process; research-based instrumentation of a PD methodology (Amaury Daele, PALETTE)
	15.30-16.00	Coffee Break	
	16.00-17.00	Conclusion of Summer School	
17.30 -19.00	Sport activities (participants, sign up at the information desk)		
19.30	Dinner at the hotel		
Saturday, June 21			

Application process and eligibility

The summer school is addressed to PhD students investigating issues related to Technology Enhanced Learning and making progress on their dissertation research, and young researchers recently integrated in the TEL field. Potential participants are invited to submit applications to:

summerschool@i5.informatik.rwth-aachen.de.

The application should include a Curriculum Vitae and a summary (not to exceed 5 pages including references and any figures, tables, etc.) describing the student's dissertation. The extended deadline for submissions is March 28th, 2008. To ensure a high ratio between tutors and students the school will be limited to 60 PhD students. The review process will be done by the organising committee, possibly helped by the lecturers.

Organising Committee:

Local Chair

- Klime Poposki (St. Kliment Ohridski University), klime.poposki@uklo.edu.mk

Programme Co-Chairs

- Luc Vandenaabeele (Centre de recherche public Henri Tudor), luc.vandenaabeele@tudor.lu
- Stefanie Lindstaedt (Know Center), slind@know-center.at
- Liliane Esnault (E.M. Lyon), esnault@em-lyon.com
- Martin Wolpers (Fraunhofer), martin.wolpers@fit.fraunhofer.de

Summer School Website

- Mohamed Amine Chatti (RWTH Aachen), chatti@informatik.rwth-aachen.de

Summer School Promotion

- Margit Hofer (CSI), hofer@zsi.at

Collaborative Learning Support

- Ambjörn Naeve (KTH), amb@nada.kth.se
- Peter Scott (OU), peter.scott@open.ac.uk

Finances

- Fridolin Wild (Vienna University of Economics and Business Administration), fridolin.wild@wu-wien.ac.at

General Co-Chairs

- Katherine Maillat (INT), Katherine.Maillat@int-edu.eu
- Ralf Klamma (RWTH Aachen), klamma@informatik.rwth-aachen.de
- Tomaz Klobucar (IJS), tomaz@e5.ijs.si

Programme Committee

- Andrej Afonin, Lithuania
- Olivier Bohl, Germany
- Zuzana Bizonova, Slovakia
- Daniel Burgos, Spain
- Bernadette Charlier, Switzerland

- Mohamed Amine Chatti, Germany
- Alexandra Cristea, United Kingdom
- Hannes Ebner, Sweden
- Liliane Esnault, France
- Christine Vanoirbeek, Switzerland
- Luc Vandenaabeele, Luxembourg
- Denis Gillet, Switzerland
- Ashley Healy, United Kingdom
- Maurice Hendrix, The Netherlands
- Margit Hofer, Austria
- Patrick Johnscher, Germany
- Anna-Kaarina Kairamo, Finland
- Ralf Klamma, Germany
- Styliani Kleanthous, Greece
- Tomaz Klobucar, Slovenia
- Tobias Ley, Austria
- Katrina Leyking, Germany
- Stefanie Lindstaedt, Austria
- Matthias Lux, Austria
- Katherine Maillot, France
- Mark Melia, Ireland
- Ambjörn Naeve, Sweden
- Wolfgang Nejd, Germany
- Klime Poposki, FYROM
- Peter Scott, United Kingdom
- Steinn E. Sigurðarson, Austria
- Martin Sillaots, Estonia
- Marcus Specht, The Netherlands
- Armin Ulbrich, Austria
- Fridolin Wild, Austria

Venue Description

Ohrid is one of the most ancient towns in Europe, flavoured with a taste of centuries gone by, full of Hellenistic, Roman, Slavic, Byzantine, and Turkish memories. During the classical and medieval periods Ohrid was the artistic, cultural and spiritual centre of the Balkans and has been called “a notable bridge of European art”. The town is proud of its rich cultural heritage and unique lake which both belong to UNESCO’s World Cultural and Natural Heritage (<http://www.ohrid.com.mk/>).

Accommodation and social events

Accommodation and summer school facilities will be made available at Hotel Granit (<http://www.hotelgranit.com.mk/>). Granit Hotel is located on the coast of Lake Ohrid in St. Stefan, 5 km from the centre of Ohrid. It is 12 km from the Ohrid airport. The Hotel has two harbours which enable access to the hotel and the beach from the lake. The wonderful woods which surround St. Stefan Monastery are located 1 km from the Granit Hotel.

PhD students are asked to share a double room with other PhD students.

4. Conclusion

This deliverable presents the current orientations of PALETTE regarding the external training sessions organised in the framework of the project and the implementation proposed through the Summer School in close collaboration with the Network of Excellence PROLEARN.

The iterative approach between the two teams to design the Summer School has resulted in a rich 5 days training program that will surely allow both PhD students and scientific experts to exchange ideas and confront their findings.

The proceedings resulting from the Summer School will be integrated in the deliverable D.TRA.04