Core Research Area: Workplace Learning

Research project proposals produced by the experts of the 4th STELLAR Delphi round

301. Workplace Learning  
**Project_title**  
Learning from your daily job challenges  

**Project_description**  
What role can TEL play in fostering learning from daily job challenges?  
How can daily job challenges be transformed into learning opportunities?  
How can job-related learning opportunities be linked to manageable learning opportunities?  

**Project_partners**  
Large companies  
Educational technology developers  
Curriculum designers  

**Project_justification**  
1. Society  
2. Scientific: operationalisation of learning from working

302. Workplace Learning  
**Project_title**  
Investigation in how technology changes what we should learn  

**Project_description**  
Improving teaching methods using new technology is not the important issue. The real issues are: technology changes WHAT has to be learnt, WHEN it has to be learnt and WHAT kind of changes happen to our brain if we use new tools.  

**Project_partners**  
Brain research and psychology groups.  

**Project_justification**  
Our education system is outdated. It will not get much better if we do not consider the basic questions: WHAT do we need to teach when many things can be outsourced to DBs, computers, the WWW, without ceasing to be real humans (i.e. what level of symbiosis with technology should we have)

303. Workplace Learning  
**Project_title**  
educational service  

**Project_description**  
service is the application of skills and knowledge for the benefit of other. Value in education should be based on the new definition of service, that is co-creation of value between customers and providers.  

**Project_partners**  
universities, companies.  

**Project_justification**  
societal and technological.
304. Workplace Learning

**Project_title**
Daily tip

**Project_description**
Which are the best areas of each worker for improving.

**Project_partners**
News agencies, Online Educational institutions

**Project_justification**
Technological and economic aspects of each area.

305. Workplace Learning

**Project_title**
Contextualizes Information Assistance in Manufacturing

**Project_description**
contextualized information delivery for problem solving an learning as well as (semi automatic) gathering of information to improve content in manufacturing SMEs

**Project_partners**
SMEs

**Project_justification**
improve performance and quality - electronic job performance support in manufacturing

306. Workplace Learning

**Project_title**
Working without learning

**Project_description**
Can we support complex tasks in such a way that workers only need basic knowledge and skills to perform these tasks.

**Project_partners**
Industry

**Project_justification**
Why learning (difficult) when machines can support you?

307. Workplace Learning

**Project_title**
REciprocal support of learning and creativity at the workplace

**Project_description**
How can workers learn to contribute to innovations in the daily work routine? How do they learn to deal with innovations in innovative ways?

**Project_partners**
Know Center Graz
KMRC Tübingen
Prof. Hoppe Univ. Essen / Duisburg
Prof. Elisa Giaccardi, Universidad CArlos III, Madird

**Project_justification**
We have not really understood the interplay between learning, knowledge construction and the emergence of new knowledge at the workplace - and we know even less about how to promote it.

308. **Workplace Learning**  
**Group:** Researcher  

**Project title**  
Distributed Learning at Work  

**Project description**  
How can we support workers at their workplaces to share their experiences and learn from each other?  

**Project partners**  
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**Project justification**  

309. **Workplace Learning**  
**Group:** Researcher  

**Project title**  
Collaborative Learning in the Workplace  

**Project description**  
What are the argumentative mechanisms that designers use during Project Reviews in order to come to a collective decision?  
How can these argumentative mechanisms be supported by both tools and methods?  
How can the tools and methods be evaluated?  
Can the argumentative mechanisms be taught?  
Empirical studies will be carried out in authentic situations within enterprises (in situ) and designers will be asked for feedback on researchers' analysis and they will be involved in conception and evaluation of tools and methods  

**Project partners**  
Small and medium enterprises in three countries and corresponding University partners  

**Project justification**  
Design is an integral part of many different workplace and educational contexts. Effectively supporting collaborative design with technology is a challenge that has not yet been met. Understanding argumentation in this context is challenging as designer groups are made up of designers with different professions, each having their own expertise.

310. **Workplace Learning**  
**Group:** Educator  

**Project title**  
Concepts of long life learning on work places  

**Project description**  
How should learning environments organized to enhance life long learning at work places  

**Project partners**  
other universities of applied sciences in Austria and EU; Wirtschaftskammer Österreich, Arbeiterkammer Österreich  

**Project justification**  
Often the transfer of learning processes in seminars does not fit to the needs of learners at their workplaces. Learning can only take place in learnerfriendly environments at their work places. How should such work places be created?

311. **Workplace Learning**  
**Group:** Educator  

**Project title**  
STELLAR Delphi Study - research project proposals by the experts of the 4th STELLAR Delphi round for the Core Research Area **Workplace Learning**
How can we motivate older faculty members to bring the level of their technology skills from poor to average by 2020.

**Project_description**
A review of reasons why professors ages 50 and up do not utilize technology like professors that are 50 and under.

**Project_partners**
Northwestern State University
Mississippi State University
Alcorn State University
Louisiana-Monroe

**Project_justification**
Societal/Technological

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**312. Workplace Learning**

**Group: Business Person**

**Project_title**
Holistic learning practices for 21st century organisations

**Project_description**
what holistic learning practices can an organisation adopt to enhance achievement against key measures such as: performance productivity engagement retention
to what degree are such learning practices 'emergent' and more informal in character or led by the institution and more formal in character
is there a difference in impact between more formal and informal learning practices

**Project_partners**
University of Bristol
Organisations - private and public sector

**Project_justification**
As we are seeing greater fragmentation of perspectives, believes and preferences we are seeing active learner choice in organisations, expressed by how, when, where and whether learners choose to engage with learning, or merely 'submit' to it. Rather than search for the 'best way' of supporting learning in organisations, I would argue that we need to look at existing practices, and blockages to effective practices which exist within the holistic organisational system and explore where maximum impact can be found. Socially I believe this is necessary for greater empowerment as well as more effective uses of technologies to connect and support relationships between people, rather than merely to transmit information