Partner Presentation Form

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Type of organisation:								
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Description of the organisation

With approximately 4.000 students, FH JOANNEUM (FHJ) is a young University of Applied Sciences. It has an international network of partner institutions in different educational sectors and within several industries. With its highly specialized degree programmes offered at university level in the areas of international business & technology, information engineering, mobility, media and design, social services and public health, FHJ is one of Austria's leading Universities of Applied Sciences. FH JOANNEUM is one of the first Universities of applied sciences in Austria to extend its quality management system with the European Foundation for Quality Management (EFQM) model. The entire University achieved the second level 'Recognised for Excellence' in 2016 and is now rising to the challenge to maintain and further improve this performance. As an application-oriented University, FH JOANNEUM offers its students a practice-oriented education on a full-time or part-time basis, and cooperative programmes with an interdisciplinary focus. FH JOANNEUM combines academic education with practical training. The range of programmes FH JOANNEUM offers is designed with a view to meeting current international, commercial and technological challenges and the needs of industry, and with a focus on the future employability of its graduates. FH JOANNEUM provides its students with the infrastructure they require for an excellent education, and implements new methods of teaching and learning, including the use of new media. In view of the importance of life-long learning, FH JOANNEUM offers a range of postgraduate programmes and tailored continuing education courses designed to meet the needs of its internal and external stakeholders. FH JOANNEUM applied research and development activities ensure the high quality of its teaching. FH JOANNEUM is a driver of innovation, working in cooperation with partners in education and business.

Experience of the organization in previous European projects

FHJ already participated in a high number of EU projects as coordinator & partner. Therefore, it can rely on many years of experience and highly qualified staff when it comes to EU and company projects. The University has well developed R&D centres, which work - in cooperation with international partners - on a multitude of projects.

ZML – Innovative Learning Scenarios explores the latest e-learning trends with a focus on didactics in close collaboration with national and international partners. Methods that prove successful in projects and online learning experiments are transferred into innovative training scenarios and modern teaching formats.

The ZML team sees learning very much as a social (online) process and incorporates the experience gained in edidactics research and practical e-learning with students in the design of its training courses. Based on a learning-bydoing approach, participants use e-learning in our online courses and also examine new trends such as MOOCs or social network analysis. In half-day workshops teaching staff gain insights into highly topical issues related to e-learning. As moderators we support learning groups across a wide range of disciplines in their learning processes in cyberspace.

Target groups for our courses, which are mostly in German, are university lecturers, teachers, company employees as well as students at FH JOANNEUM.

Research topics ZML – Innovative Learning Scenarios (ZML):

•Web literacy and communities of practice •

•Game based learning •

•Development and implementation of Massive Open Online Courses - MOOCs •

Visualisation of online learning processes using social network analysis, Footprints of Emergence, comics (PTH footprints)

•Innovative blended learning curricula (content strategy)

EU-Projects of the last 7 years (only ZML):

BizMOOC, - MOOCs for the world of business, funded by the European Commission (Erasmus+ Knowledge Alliance 2015) 2015 - 2018 <u>http://bizmooc.eu/</u>

AtLETyc - Athletes Learning Entrepreneurship, funded by the European Commission (Erasmus + Sport 2015) 2015 – 2018 <u>http://atletyc.eu/</u>

GameHub - University-enterprises cooperation in game industry in UKR, funded by the European Commission (Erasmus+) 2015 – 2018 <u>http://gamehub-cbhe.eu/</u>

EpiPredict – Epigenic regulation of endocrine therapy resistance in breast cancer, funded by the European Commission (H2020, Excellent science, Marie Skłodowska-Curie Innovative Training Networks) 2014 – 2018 <u>http://epipredict.eu/</u>

Play the Learning Game - funded by the European Commission (Lifelong Learning Programme Leonardo Da Vinci); Website: <u>http://www.learningame.org/info/</u> 2012-2013

Multifaceted CaSR - Calcium Sensing receptor, funded by the European Commission (Marie Curie, ITN) 2011-2014 http://www.multifaceted-casr.org/

AVATAR - Added Value of teAching in a virTuAl world, funded by the European Commission (Lifelong Learning Sub-Programme Comenius); 2009-2010 <u>www.avatarproject.eu</u>

Experience and Expertise of the organization in the project's subject area

The FHJ competence centre "ZML- Innovative Learning Scenarios" has extensive experience in EU projects as coordinator and as partner. The activities range from Development of Training Materials, Social Media, Game Based Learning and Learning with new Media. The ZML develops learning scenarios which cover the user requirements regarding technical implementation & didactical approach. It supports individuals and organizations to exploit the potential of virtual spaces.

ZML hast extended expertise in the field of pedagogy of Higher Education and especially in relation to online teaching. ZML offers courses (purely online, blended = face-to-face and online, face-to-face workshops). In half-day workshops teaching staff gain insights into highly topical issues related to e-learning. As moderators we support learning groups across a wide range of disciplines in their learning processes in cyberspace.

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Here an overview of ZML' current courses and workshops:

- E-moderating (course originally developed by Gilly Salmon) 4 weeks, purely online
- Workshop "Videos quick and easy" Integrating Videos into teaching
- Social Network Analysis for smaller groups 3 weeks, purely online
- How to build MOOCs 3 week MOOC, purely online
- Potentials of MOOCs and transfer in your university 2 weeks blended course
- How to use Comics in Teaching workshop face-to-face
- Game-based Learning 2 day workshop face-to-face
- TeDis (technique and pedagogy) Workshops: Moodle Basics, Moodle Test, Moodle WIKI,...

Contributions that can be provided to the project

- We have a profound expertise in teacher trainings
- We have experience in videos for learning which we use in MOOCs and in teaching and training.
- We know how to develop a MOOC, how to implement it on wordpress and moderate it.
- We have broad experiences with the Moodle platform.
- Our main focus is the development of pedagogical scenarios with the teachers in our university and we try to convince them of innovative approaches as for example the use of comics in teaching, game-based learning, portfolios.
- As moderators we support learning groups across a wide range of disciplines in their learning processes in cyberspace.
- During more than 10 years we are offering purely online-courses (3-4 weeks) where teachers and trainers from mostly German speaking countries attend (and pay for it). So we know how to design purely online learning scenarios (assignments, group work, ...)
- We have some experience in Social Network Analysis.

Reasons of involvement in the project

ZML work starts from a pedagogical point of view and uses technology to achieve the objectives. ZML has broad experiences in the use of learning platforms moodle and wordpress. In addition, ZML has expertise in creating learning videos. Furthermore, during the last years, the production of learning videos got more important, especially with regard to the cope14 and cope15 MOOCs. The research activities of ZML team focus more and more on self-directed learning scenarios and emergent approaches which are an ideal pedagogical basis for learning with videogames.

Contact Person's Experience and Expertise

Mag. Erika Pernold studied Business Sciences at the Karl-Franzens University of Graz and the University of Hiroshima with a focus on International Management. Since 2011 she works as Researcher at the "ZML-Innovative Learning Scenarios". As trained e-moderator, she is supporting training participants in virtual rooms. She develops eLearning concepts and produces learning videos and trainings around videos in learning. She supports participants of advanced trainings, like academia didactics, during their learning process in virtual rooms. Her focus is on new media and videos (planning, creation, editing and publication). Furthermore, she has a broad know how of video production.

Mag. Dr. Jutta Pauschenwein is head of the research and development centre "ZML-Innovative Learning Scenarios" and lecturer at FH JOANNEUM. She has a PhD in Theoretical Physics and finished the

Lectureship in Mathematics and Physics as well. She managed several national and international projects in the fields of e-didactics, virtual communication, virtual communities, game-based learning, training and evaluation, gender aspects of eLearning. Her research areas are didactics in e-learning, collaborative e-learning, e-moderation, virtual communication, support for networking and virtual communities, training and evaluation, usability, Gender (Mainstreaming) in e-learning as well as connectivism and MOOCs. She developed and executed about 40 online courses during the last years, among them several MOOCs.

Mag. (FH) Irmgard Schinnerl-Beikircher studied Information & Knowledge Management at the University of Applied Sciences in Eisenstadt (Austria). She has also accomplished a training as a bank clerk and worked 4 years in a bank before she started her studies. Since 2002 she has been working for the "ZML – Innovative Learning Scenarios" in the field of training and support on research, controlling, project- and quality management. She received several certificates as both project manager and e-moderator. She was managing the Virtual Campus of FH JOANNEUM from 2006 to 2009.