

35th Bled eConference

Digital Restructuring and Human (Re)Action

June 26 – 29, 2022; Bled, Slovenia

Workshop on Business Informatics Programme Reengineering

Marco Gilardi

University of the West of Scotland, School of Engineering and Computing, Paisley, UK

Marco.Gilardi@uws.ac.uk

András Gábor

Corvinus University of Budapest, Department of Information Systems, Budapest,
Hungary

andras.gabor@uni-corvinus.hu

Mirjana Kljajić Borštnar

University of Maribor, Faculty of Organizational Sciences, Kranj, Slovenia

mirjana.kljajic@um.si

eLearning has been around for more than two decades, but recent global challenges (e.g., COVID -19 epidemics) have raised new perspectives and questions as teaching and learning have had to move to an online environment virtually overnight. Prior to the COVID -19 epidemic, researchers and educators were aware that digital technologies offered many new opportunities but also required new methodological approaches to education, but it is clear that we were not adequately addressing these issues. Today, it is clear that there are approaches that can help deliver quality education in a distance learning format in areas that have not traditionally been well suited to digital training.

The BIPER project aims to foster a collaborative partnership to develop a blended learning compatible business information systems curriculum based on shared values, eLearning experiences, and sound pedagogical principles. The challenge involves not only teaching methods and materials, but also the teachers and trainers themselves. The academic field of Business Information Systems (BIS) is a complex one that combines business and organizational issues with applied information technology issues. Teaching such a multidisciplinary field, which requires not only knowledge of theoretical concepts and technical skills to use tools, but also a problem-oriented mindset and related problem-solving skills, is a challenge in itself.

BIS education in the classroom can be characterized by what is referred to in the literature as "active learning," which refers to pedagogies that reinforce and enhance student interaction. This is required by the project-oriented and teamwork-based reality of developing, implementing, and managing IT /IS solutions in an organisational context. In addition to the obvious fundamentals of the subject, interpersonal skills, team building, and the ability to combine individual efforts with group work are an essential part of the education of BIS professionals. Although video and audio solutions are usually supplemented by less synchronous means such as text messaging or file sharing, this cannot compensate for the loss of face-to-face proximity. The use of document sharing options and file sharing brings new challenges, but also offers new opportunities. To succeed in this environment of increased complexity and expectations, instructors can use all the help they can get - be it experience, best practices, successful methodologies, or even ready-made materials.

In this workshop, we will present the results of the two-year BIPER (Business Informatics Programme Reengineering) project and lessons learned from pilot implementations at several universities and, finally, the "Smart City Enterprise Architectures Virtual Reality Summer School".

Welcome to join us and share your experiences!

Workshop programme:

- Introduction to BIPER concept
- Some experiences of pilot implementations
- Summer school experiences students and tutor's perspective
- Sharing the experiences from audience
- Discussion