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**Vabilo na predavanje**

***EDUCATION 3.0 AND SOCIAL NETWORK-BASED EDUCATION***  
***for effective learning and integration with industry***

ki ga bo izvedel **prof. dr. Goran D. Putnik** (*University of Minho, Portugal*)

***Predavanje bo v sredo, 17.5.2017 ob 13:00 uri Leskovarjevi sobi***

**Kratek povzetek predavanja:**

One of the main priorities of Europe 2020 agenda is smart growth, implying that Europe's economy should be based on knowledge and innovation on levels that require a shift in quality of education improving and enhancement of the education systems performance. In this lecture, emergent education paradigms such as Education 3.0 and Social Network-based Education (SNE) are presented, as these are seen by many authors as drivers for the required change in education. Education 3.0 and Social Network-based Education (SNE) are inspired by several emergent disciplines, such as: chaos and complexity management in organizations, learning organizations, semiotics framework for system and organization integration and complex network theory. Further, the concept of Learning Factory (LF) is presented as well, as the instrument for innovative and effective true alignment of education with industry, especially for education and training for a large variety of advanced enterprise, and manufacturing, concepts and emergent business models that will characterize the 21st century enterprises, manufacturing and related businesses. A conceptual framework for education 3.0 implementation is also presented according to several domains including interaction architecture, management, teaching technology, learning methodology, curricula construction, space and time.

Finally, a model of Social Network-based Education, as a model within the Education 3.0 paradigm, is presented, that is implemented for already 5 consecutive years at the University of Minho for a group of subjects within the Industrial Engineering and Management integrated master-course.

**Keywords**


Education 3.0, Social Network-Based Education, Learning Factory, complexity, industry

Lepo vabljeni!

S spoštovanjem,

prof. dr. Peter Butala



  
prof. dr. Branko Širok

dekan

#### Kratek povzetek predavateljevega življenjepisa:



**Goran D. Putnik**, Dr. Habil., DrSc., Full Professor, Department of Production and Systems Engineering, University of Minho, Portugal. His scientific and engineering interests are distributed, agile and virtual production systems and enterprises design and management theory, ICT in manufacturing, concurrent and collaborative engineering, formal theory of production systems and enterprises, and complexity management in organizations. His publishing record comprises more than 250 publications in international and national journals and conferences, including 11 books, of which the “Encyclopedia of Networked and Virtual Organizations” is distinguished. He is supervising a number of PhD projects as well. He is regularly invited for scientific committees of international conferences and as a reviewer for a number of leading scientific journals related to manufacturing and management. He also serves as a member of Editorial Board for more than ten scientific international journals.

Presently, he is the member of the following renowned professional societies and scientific networks:

- Member of the CIRP – “The International Academy for Production Engineering”
- Member of the IFIP WG 5.5 – “COoperation infrastructure for Virtual Enterprises and electronic business – COVE”, IFIP WG 5.5
- Member of the ECCON – “European Chaos and Complexity in Organisations Network – ECCON”