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## DEVELOPING CLOUD INFRASTRUCTURE AND SERVICES FOR E-EDUCATION

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### Abstract:

Modern e-education systems include a large number of heterogonous applications and services that require different platforms, operating systems and environments. The primary goal of this lecture is to present the development of a scalable and reliable cloud based infrastructure that can serve as a basis for designing and deploying the concepts of ubiquitous, mobile, and social computing into e-learning. The developed model has been implemented in the Laboratory for e-business, Faculty of organizational sciences. Implementation includes numerous e-learning services, such as Intranet portal, Moodle LMS, project management system, CRM services, social network services, web hosting services, mobile learning services, edutainment, and others.

### About speakers:

**Marijana Despotović-Zrakić**, PhD, is associate professor at Faculty of Organizational Sciences. She teaches subjects in the area of computer simulation, internet technologies and e-business. She is the Head of Department for e-Business and System Management. She is in chair of Laboratory for simulation since 2007, and Microsoft IT Academy at FON since 2004. She is a member of IEEE and ACM. She holds the position of secretary of IEEE Computer chapter CO 16. She also co-chairs the Chapter's seminar. She is a member of editorial boards of InfoM and Management journals. Her current professional and scientific interests include computer simulation, designing information systems in Internet environment, and application of information technologies in business and science. Presently, she is the project manager of the project "An Application of Computational Techniques in Experimental Solid State Physics". She can be reached at [maja@elab.rs](mailto:maja@elab.rs).

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