



**Maintaining a sustainable Future
for IT in Higher Education**

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Time: 11:30 - 12:00

An Identity Management Web Server for Privacy Preserving Course Authorization in Federated eLearning

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Abstract:

At EUNIS 2009, we presented the German national E-Learning profile for the Shibboleth-based authentication and authorization infrastructure, which allows the use of Learning Management Systems across higher education institutions on the basis of a syntactically and semantically precisely specified user record data format. In this presentation, we want to outline our ongoing conceptual and implementation efforts regarding the real-world use of these new organizational and technological possibilities within VUB, the Virtual University of Bavaria. Unlike other state-wide or national, central E-Learning portals in Germany, VUB works as a broker, i.e., it allows students from one university to enrol and participate in E-Learning courses offered by other universities. This requires an enrolment and course management as well as an authorization / access management solution that must be seamlessly integrated into both, the universities' identity and campus management solutions, and the Learning Management Systems. We present our concepts and the web-services-based, cross-platform implementation for this type of course authorization in federated E-Learning scenarios, which explicitly addresses several privacy issues that we discovered and fixed during pilot operations.