Siniša Tomić, Kristijan Zimmer, Ivan Voras, FER (FER Web team):
"Introduction to Planning and Building of E-campus of Your Institution"

The presentation will cover the idea behind the term "E-campus", with emphasis on IT infrastructure, solutions and integrations needed to assure successful integrated learning and information environment for students and teaching staff of Croatian higher education institutions.

Elements of typical successful e-campuses, such as learning management systems (LMS), content management systems (CMS), student information systems (SIS), e-libraries and e-portfolios will be presented.

In the current E-campus implementation at the Faculty of Electrical Engineering and Computing (FER), University of Zagreb, students are presented with the FER's CMS module which enables them to access online and mixed-mode courses in three different learning management systems: one of the leading commercial LCMS "WebCT" provided by CARNet, FER's home-grown LMS "Adaptive Hypermedia Courseware - AHyCo" and Open Source LCSM "Moodle".

In all three cases, students and teaching staff access courses they are enrolled in, using unified, existing methods of enrolment without a need for re-authentication. They are also able to view test results and information from all courses in one place.

While separately accessing all three systems, users use the same username and password. This was made possible due to result of a successful RADIUS/LDAP project conducted jointly by Croatian Academic and Research Network – CARNet and University Computing Centre – SRCE.

FER's course designers can add and delete teaching assistants (tutors) by simply selecting their names from the list of all teachers and assistants from their department, view student list, make final and midterm results publicly available within the FER's CMS and contact local technical support. All these actions are done using custom made module which provides integration with WebCT, AHyCo and Moodle using standardised protocols and APIs provided by the IMS.

Technical support is integrated with the FER's CMS. That way a teaching staff member can send questions via appropriate Web form, without need to fill in personal information or re-authentication. The FER CMS automatically fills in all user information (name, phone number, email, etc.) so that contact with the teaching staff member can be established in the way technical support believes to be most appropriate for him/her.

The presentation will show current achievements and future roadmap of this groundbreaking project, potentially interesting for many different Croatian higher-education institutions.