



**physik multimedial**

Lehr- und Lernmodule für das Studium der Physik als Nebenfach

# **physik multimedial and its eLearning Platform: concepts and implementation**

**Lecturers**

**Students**

**easy to use**

**easy to administer**

**open access**

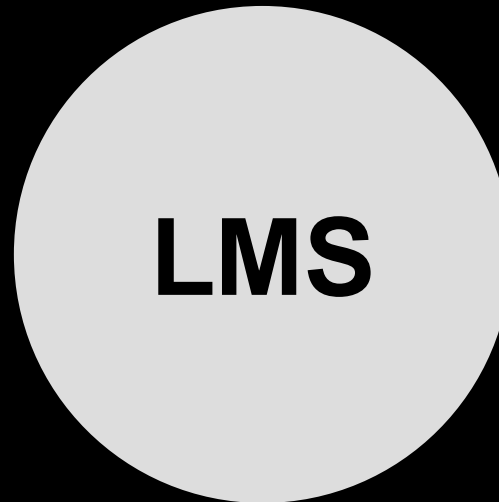
**www browser based**



**Content  
LMS**

**material storage**

**usability**



**community**

**ability of  
individualization**

**communication**

**gender  
mainstreaming**

# Implementation

- 1. evaluation of existing systems**
- 2. decision**
- 3. adaptation**
- 4. development**

# Development



**approved combination of Open Source tools**

**open standards: XML, LDAP, WebDAV,  
SOAP, DC**

**modular/object oriented structure**

**extensive use of plugins/building blocks**

## Perspectives / future work

**finalize modularization**

**enhance webservices**

**content editor**

**experiments integration (practical courses)**

**enhanced calendar functions (iCalendar)**

**consolidation of CV and pm<sup>2</sup>**

**Thank you for your attention!**

**visit us at**



**<http://www.physik-multimedial.de>**



Courses • Weekly plans

Actual Organization **Weekly plans** Materials Communication

All weekly plans

### Weekly plan view

Week	Date	Subject (Short view / Detail view)	Script/Book Exercises
38	Friday, 2003-09-19	sinn03 talk on Physik Multimedial and its eLearning Platform: concepts and implementation	
		<a href="#">slides</a> (PPT: 126 KB) ( <a href="#">Open</a> <a href="#">Save</a> )	
		<i>the powerpoint slides of the sinn03 talk Physik Multimedial and its eLearning Platform: concepts and implementation</i>	
39	Friday, 2003-09-26	more examples on physik multimedial concepts	
		<a href="#">more slides</a> (PPT: 126 KB) ( <a href="#">Open</a> <a href="#">Save</a> )	
		<i>another set of slides with more information on concepts and implementation</i>	
		<a href="#">demo graphics</a> (BMP: 1296.0 KB) ( <a href="#">Open</a> <a href="#">Save</a> )	
		<i>a demo graphics showing the physik multimedial object model</i>	

Change of course:

[Start page](#) | [Courses](#) | [Media](#) | [Modules](#) | [Exercises](#) | [Didactics](#) | [Mediabase](#) | [Logout](#)  
[Board](#) | [Technical information](#) | [Profile](#) | [Contact / Imprint](#) | [Search](#) | [Help](#)



**communication**



**newsgroups**

**chat**

**leaving messages**

**anonymous messages**

**instant messaging**

**webmail client**

**group mails**

**community**



**user identity**

**chair management (CV)**

**CampusDisk (CV)**

**CampusLife (CV)**

**CampusLibrary (CV)**

**CampusAlumni (CV)**

**gender  
mainstreaming**



**gender sensitive speech**

**gender sensitive images**

**participation**

**support services**

**gender guideline**

<http://www.physik-multimedial.de/papiere/GMGuideline23Januar03.pdf>

# Campus Virtuell

<http://www.campus-virtuell.de>

The screenshot shows the homepage of the Campus Virtuell website. At the top, there is a navigation bar with icons for MyCampus, CampusMail, CampusDisk, CampusLife, CampusLibrary, and CampusAlumni. Below this is a red header bar containing a welcome message, a start button, a weather widget (Hessland, 24°C, leicht bewölkt), and a user profile icon (schottm.helmut@tzi.de). The main content area is divided into two columns: 'News' and 'Login'. The 'News' section features a welcome message for the new CV and a link to the news article. The 'Login' section has input fields for 'Name:' and 'Passwort:', a 'Anmelden' button, and links for 'NEUES LOGIN' and 'LOSTES PASSWORT'. Below the login section, there is a 'Drittangebote' section with three advertisements: 'Werde Buddy!' (http://www.go-to-buddy.de), 'FAKULTÄT 2 Fachschaft Ökonomie me²' (http://me2.fachschaft-oeko.uni.de), and 'Sommerhochschule für Entrepreneurship' (http://www.entrepreneurship-nordwest.de).