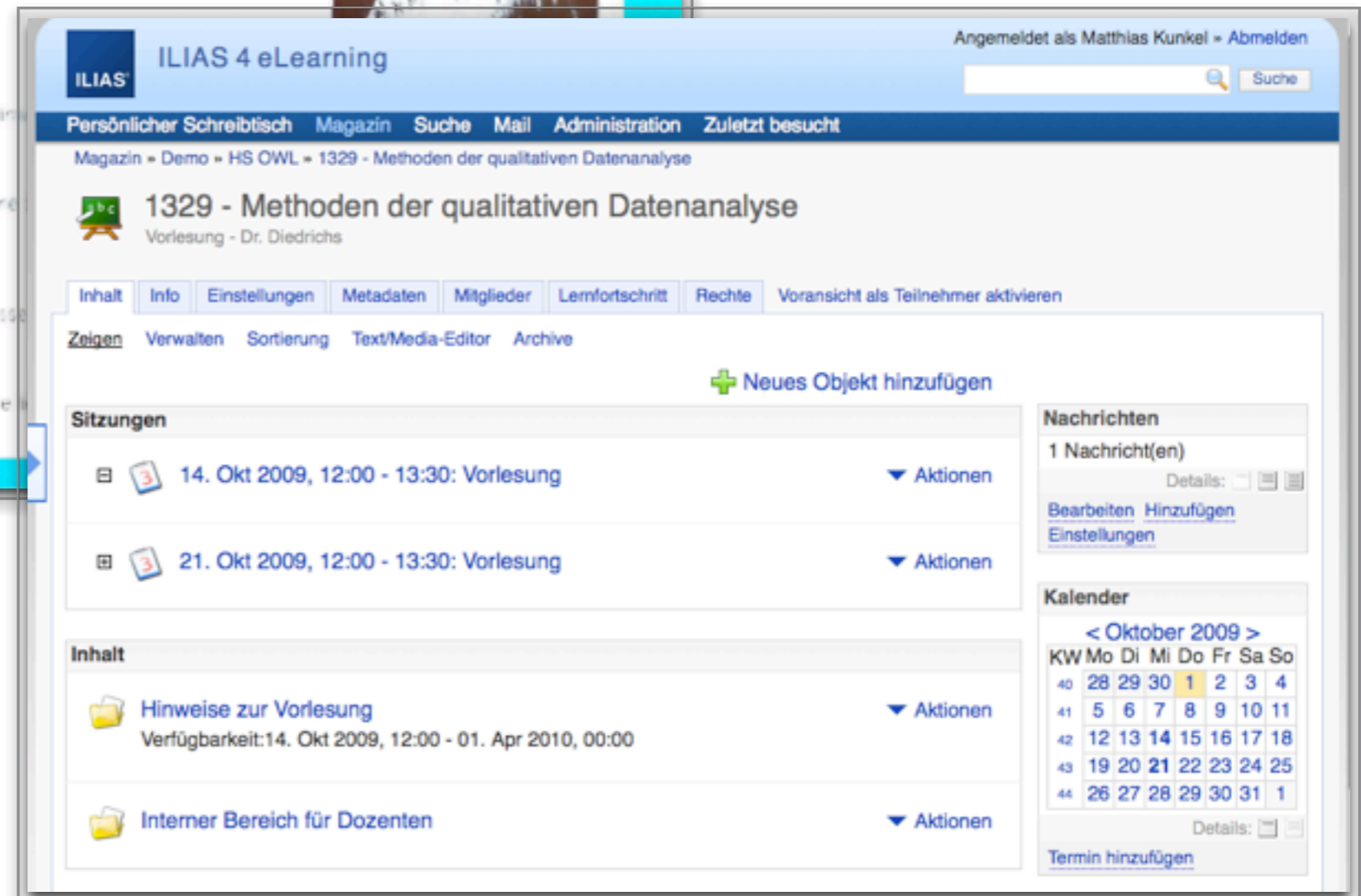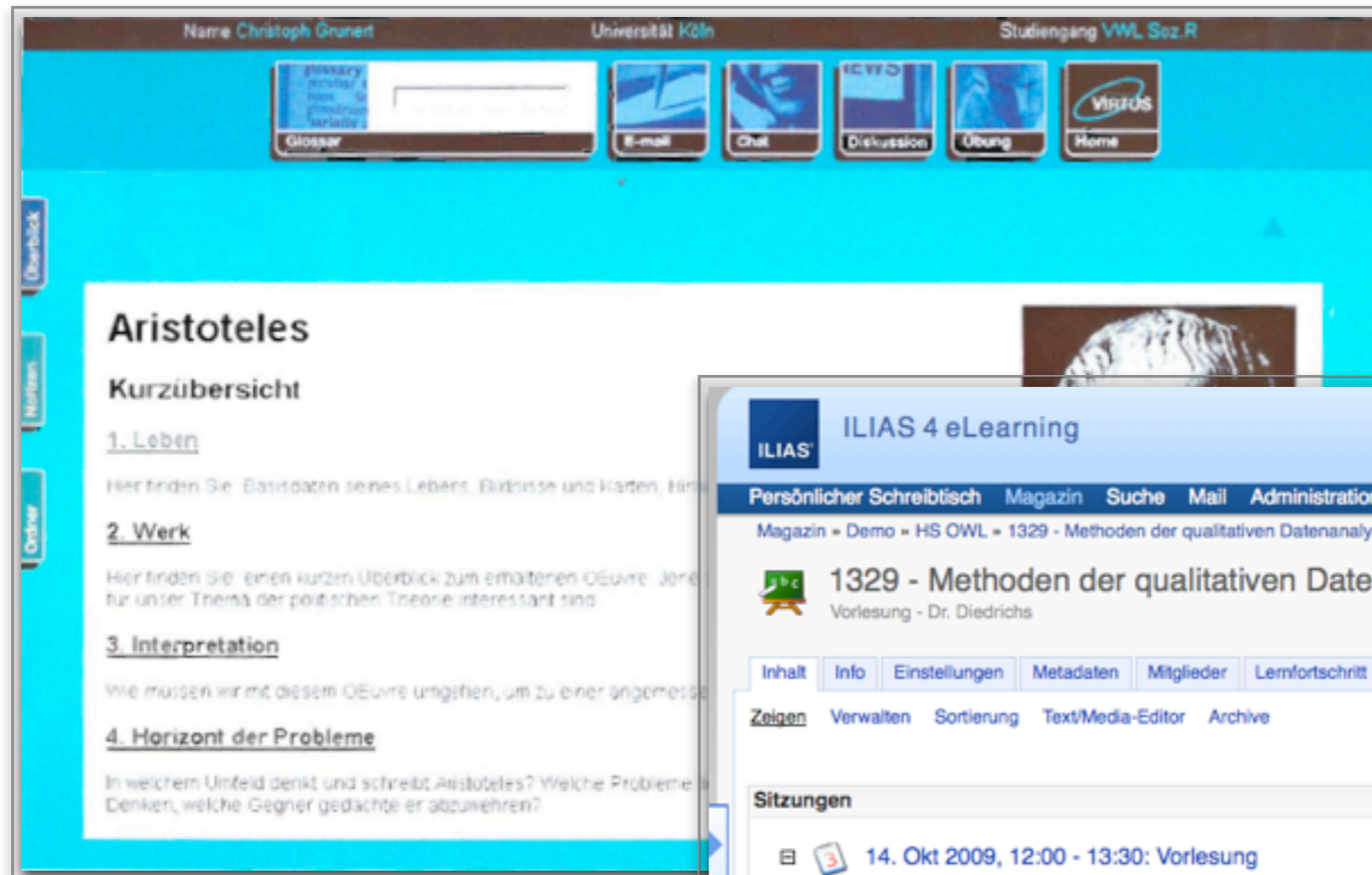# ILIAS 2010
Strategy and Development

8th International ILIAS Conference

12 and 13 November 2009 in Budapest

Matthias Kunkel • ILIAS open source

Overview

- ⦿ ILIAS 4

- ⦿ Development strategy

- ⦿ Development plans

- ⦿ Sustainability plans

From ILIAS 1 (1999)

to ILIAS 4 (2009)

ILIAS 4: **Some Facts**

- Development started November 7, 2008

- More then 2.800 commits

- 79 improved or new features

- First beta release: July, 24, 2009

- First stable release: September 28, 2009

➡ **Biggest development step in ILIAS' history**

ILIAS 4: **New Design**

- ◉ New look and feel
  - ◉ Revised user interface
  - ◉ Less icons
  - ◉ Clear axes
- ➡ No more visual noise
- ➡ Improved usability
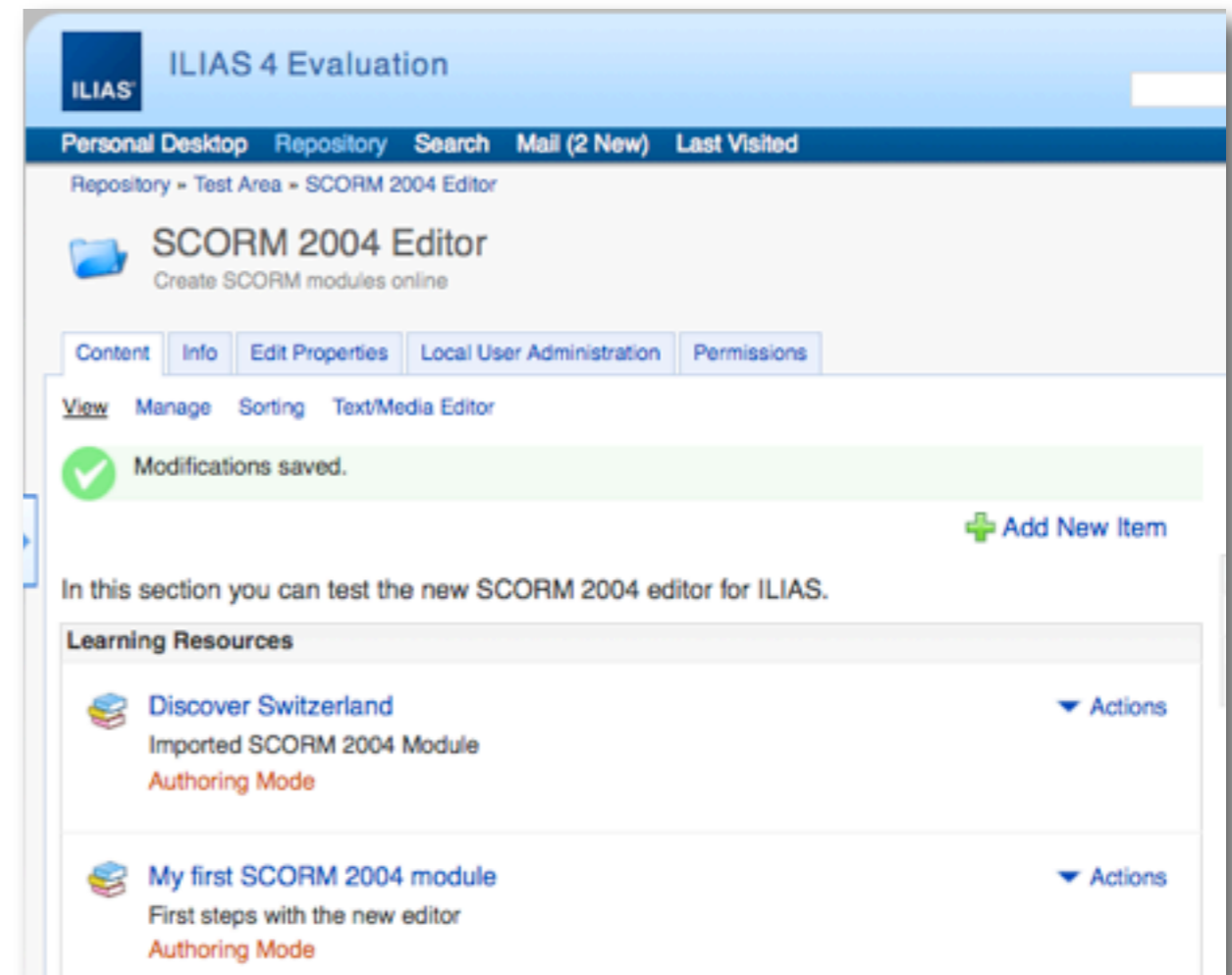
All improvements and changes based on intense usability research at University of Berne

ILIAS 4: **New Features**

- ◉ SCORM 2004 editor

- ◉ Plug-in slot for repository objects
  - ▸ to connect external software like virtual classrooms

- ◉ Open (personal) profile

- ◉ User session reminder

- ◉ New question types, e.g. flash applet and essay

ILIAS 4: **Improved Features**

- ◉ Course management
  - ‣ Preview as member
  - ‣ Improved presentation of sessions

- ◉ Learning Modules
  - ‣ Extended style sheet editor
  - ‣ Colour management

- ◉ Discussion forum
  - ‣ Rich-text-editor for postings

- ◉ Usability improvements for chat

- ◉ Calendar
  - ‣ Subscribing to calendar with iCal/Outlook
  - ‣ Milestone feature
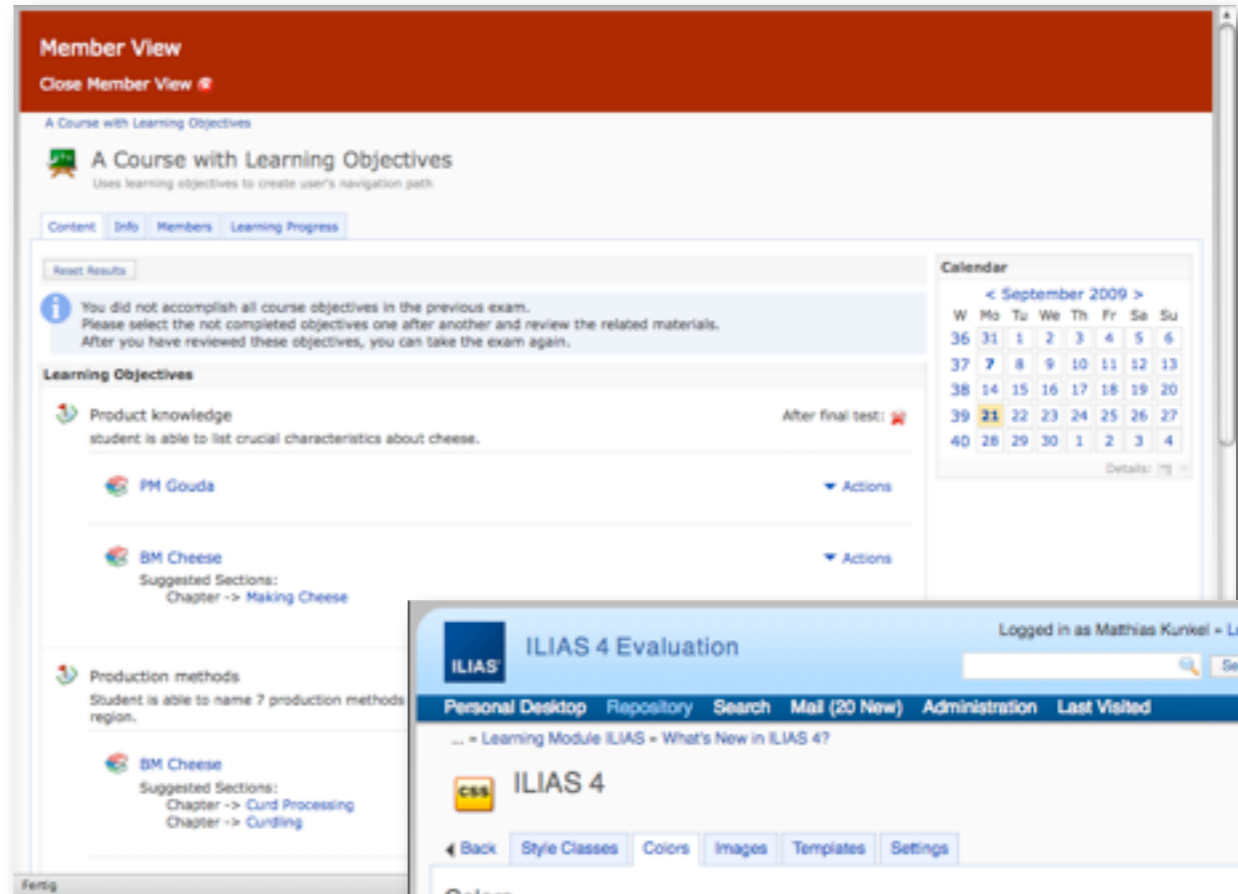
ILIAS 4: **Improved Technology**

- Google-like search engine with ranking of results

- Database abstraction layer
  - ‣ Oracle database support

- Using Ajax and Caches for improving performance

- Setup revision

Overview

- ILIAS 4

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Development Strategy

- E-Learning has to support learning and teaching processes by using internet technology

- Therefore, it has to observe ...

  ▸ ... the needs of learners and teachers

  ▸ ... the diversity of teaching and learning

  ▸ ... the requirements of teaching institutions and cultures

Development Strategy

- Taking this into consideration, e-learning software has to be

  - ‣ flexible

  - ‣ multifunctional

  - ‣ adaptable

  - ‣ capable of being integrated

  - ‣ easy to use

Development Strategy

◉ ILIAS is a bundle of tools and services

◉ As a platform it offers broad functionality

▸ due to integrated tools

and

▸ coupled / connected tools

Development Strategy

◉ Integrated tools:

  ▸ General and basic functions for e-learning

    Learning modules, courses, wikis, forums or reporting

  ▸ Strategic features

    SCORM 2004 editor, booking tool

◉ Coupling / connecting prefered for features

  ▸ that require different technology

  ▸ that are too complex to be re-build

  ▸ that are too special for the vast majority of users

Development Strategy

- ILIAS should ...

  - ... fulfill e-learning requirements of big institutions

  - ... offer an easy entrance for beginners to realise their e-learning scenarios

  - ... be open to new ways and concepts of e-learning

Development Strategy

- ◉ Continuing and extending our open development process

  - ▸ «Feature wiki» for all new ideas and requirements

  - ▸ Jour Fixe participation open for all

  - ▸ Development conferences

Overview

- ILIAS 4

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- **Development plans**

- Sustainability plans

Development Plans

- ◉ Usability and Accessibility

- ◉ Further integration of content features

- ◉ Improving export/import capabilities

- ◉ Introducing new reporting features

- ◉ Offering online help

Usability and Accessibility

- ◉ Continuing usability revision

- ◉ Harmonising and streamlining functions

  - ▸ Identical screens for similar workflows

  - ▸ Implementing missing functions of specific features

  - ▸ Completing migration to new GUI classes

- ➡ Improving usability and accessibility

Further Integration of Content Features

- Harmonising functions in all ILIAS content modules

  - Easy re-use of wiki pages in learning modules

  - Using test questions in learning modules

- Content item plug-in for pages

- Further integration of ILIAS and eLAIX

  - Import of learning modules in eLAIX

  - Re-import and versioning in ILIAS

Improving Export / Import Capabilities

- ◉ Developing general export guidelines

- ◉ Completing export and import functionality

  - ▸ for all content modules

  - ▸ for all container modules

Introducing New Reporting Features

◉ Revision of existing learning progress, statistics and tracking data presentation

◉ Implementing a general reporting functionality for all object types

▸ Tracking - how objects are used
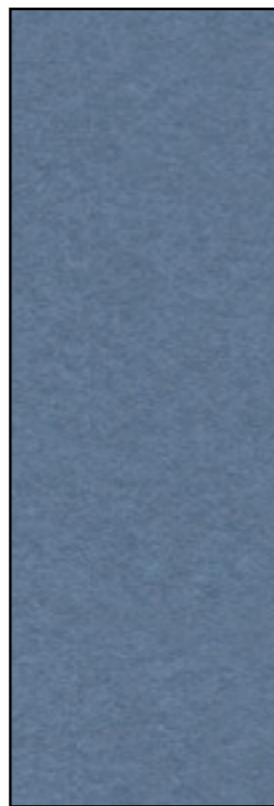
▸ Grading - how users using objects and how they perform

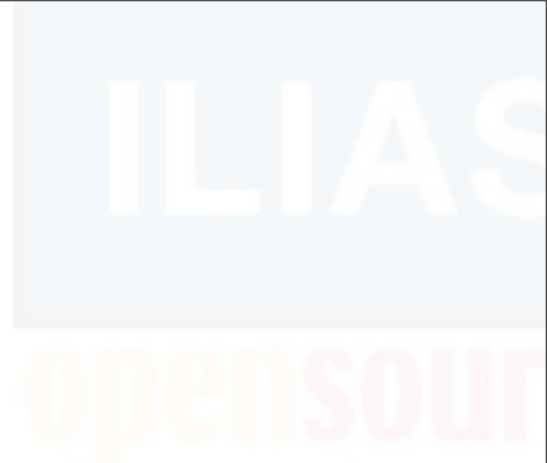# Offering Online Help

◉ Aim: helping users to use ILIAS easily

◉ Two online helps offered:

  ▸ Screen help to explain elements on screen

  ▸ Workflow help to assist users when using ILIAS

Overview

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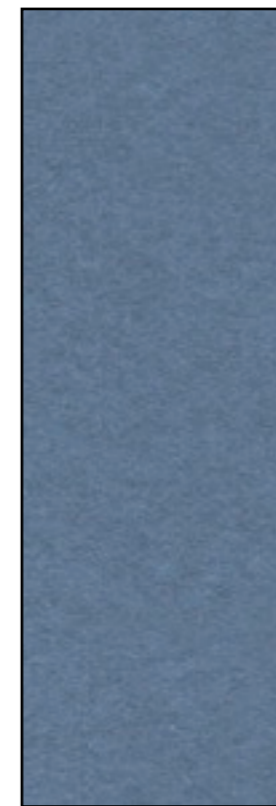
- Development plans

- **Sustainability plans**

Funding of ILIAS

ILIAS

Projects

ILIAS Society

Cooperation Network

ILIAS society

- Non-profit society

    ILIAS open source e-Learning e. V.

- Founded by users, service providers and core group members

- Major aim:

    ‣ Supporting ILIAS development and coordination team activities

    ‣ Ensures sustainability of ILIAS

ILIAS society

⦿ Open for individuals as well as for institutions, enterprises and service providers

➡ Broad base of supporters

⦿ Influencing strategic ILIAS development

⦿ Exchanging user experiences

⦿ Finding partners and customers

ILIAS society

- Annual donation of

  ILIAS community award

- Aim is to honour personal engagement within the ILIAS community

ILIAS Community Award 2009

◉ Donated for extraordinary engagement in moderating ILIAS forums and assisting users

▸ Little Mela

▸ Werner Randelshofer

▸ Pascal Schmitt

▸ Helmut Schottmüller

ILIAS society

- For more information, please contact

  verein@ilias.de

- Or talk with us here at the conference!

Thank you for your attention

And enjoy the conference!