

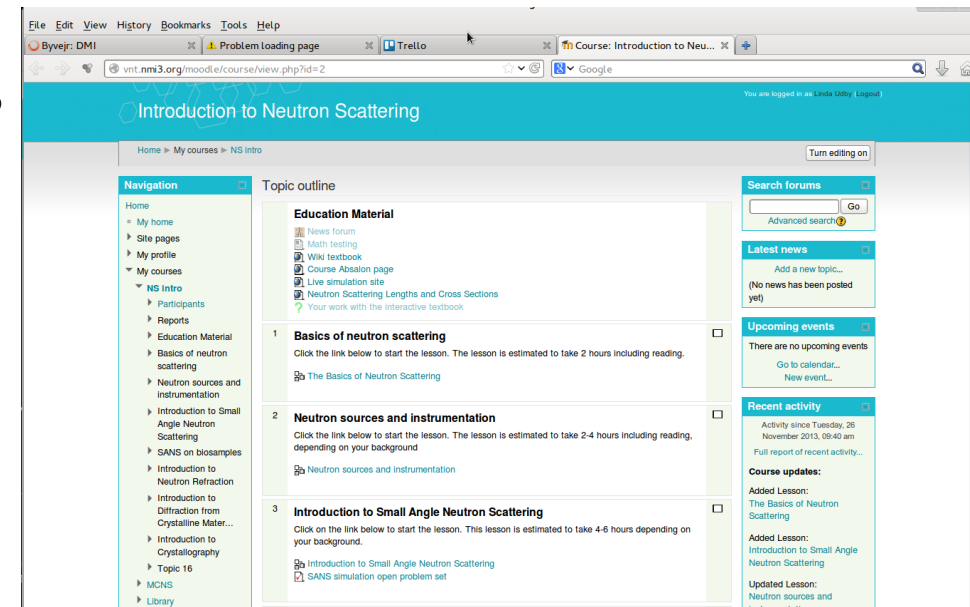
# WP3 (e-learning): Progress & Highlights

## Prototype e-learning platform established

- Moodle LMS (organisation and description of courses, study plan, lectures, quizzes etc)
- Live simulator web interface established
- WIKIbook (textbook+interactive exercises)

## Outline and contents of intro NS course in production

- Clear learning goals for each topic
- Didactical material aimed for master-phd level physics students
- Looking into targeting material on topic level to other students
- Blended learning testing at UCPH 2014/2015
- Pure online testing 2015/2016



<http://vnt.nmi3.org/moodle/course/view.php?id=2>

# WP3 (e-learning): Staff recruitment & collaboration

## • KU:

- Linda Udby (WP1 project manager),
- Pia Jensen (WIKI content manager),
- **Monika Kovacic (Illustrations),**
- Jesper Bruun (Didactics researcher)
- Kim Lefmann (main WIKI contributions),
- **Ursula Bengård Hansen (french-english tech translation)**
- Lise Arleth, Kell Mortensen, Jacob Kirkensgaard (quiz+WIKI contributions)



## • DTU:

- Peter Willendrup, live-simulation tool developer.
- **NN (webinterface + plugin programming, hiring in collaboration with WP1).**
- Bente Lebech( WIKI + quiz contribution)



## • ILL:

- Helmut Schober(ILL coord+ WIKI contribution),
- **Andrew Wildes (WIKI content manager),**
- **Alain Filhol (illustration supervision, in progress)**



## • FRM2/TUM:

- Jürgen Haus (TUM coord + Library)
- ... (server maintenance)



**Anatoliy Senyshyn (quiz contribution)**

**ESS: Markus Strobl (quiz contribution)**



- **TU Delft: Wim Bouwmann (quiz contribution)**

# WP3 (e-learning): Deliverables and delays

## Delivered

### **D 3.1: Specification about technical functionalities needed for the e-learning platform and evtl optional functions for future development:**

Moodle LMS open source and offers both easy course/lesson structuring, various roles of users, interactive quizzes/test with e.g. feedback and grading.

### **D 3.4 : Content analysis of neutron course:**

- Introductory neutron course ~12-20 topical lessons
- Focus on interactive exercises and virtual experiments in order to improve the student learning and prepare them for real experiments
- Progression of neutron knowledge will be considered in course outline.
- Textbook and interactive material in WIKIbook
- High-guidance quizzes with feedback.

### **D 3.7: Def. Instruments to be simulated: Prototype of live-simulator**

- Web interface with backend running McStas on a cluster.
- Static links to share simulation results.
- 3D VRML simple visualisation of instrument.
- Data on detector downloadable as pictures or ascii for data analysis

## Delayed

### **D 3.2: Advancement report on functionalities development in the e-learning software.**