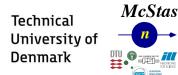


# Online demo of the main features of the e-neutrons.org platform

6th November, 2019

Author: Peter Willendrup, ESS DMSC and DTU Physics









moodle

- Learning management system
  - Course material
  - Quizzes
  - Hooks to other tools



Online simulator





**MEDIAWIKI** 

Virtual visit to scattering facility





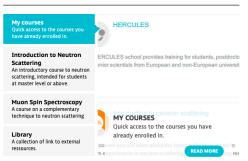




FRONTPAGE ABOUT E-NEUTRONS FOR TEACHERS SUPPORT

#### Courses

(login required)



#### Science cases



#### Exercise taster

Do you know what the scattering intensity READ MORE

#### Quiz taster



#### Simulation taster



Status: 1329 registered users

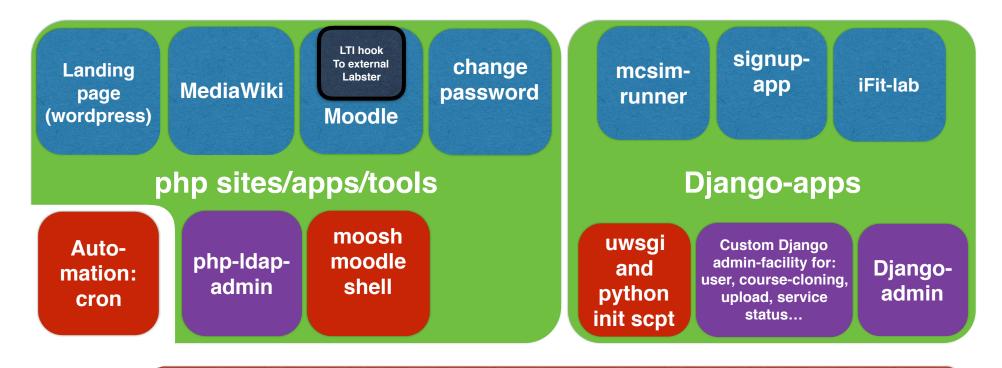
This project has received funding from the European Union's 7th Framework Programme for research, technological development and demonstration under the NMI3-II Grant number 283883.





Blue: User/admin highlevel. Purple: Admin highlevel. Red: Admin cmdline

Dark blue: external tool



Nginx webserver - multiple site instances serving the above

Matomo/Piwik web tracker for MediaWiki, Moodle, Simulator

Common authentication: LDAP

Multiple MySQL, 1 Postgres for MW, SQLite database for Django apps

Documentation on McCode GitHub wiki
Semi-automated install via deployment-script
bootstrap.sh



## Thank you

### peter.willendrup@esss.se



