



labbook

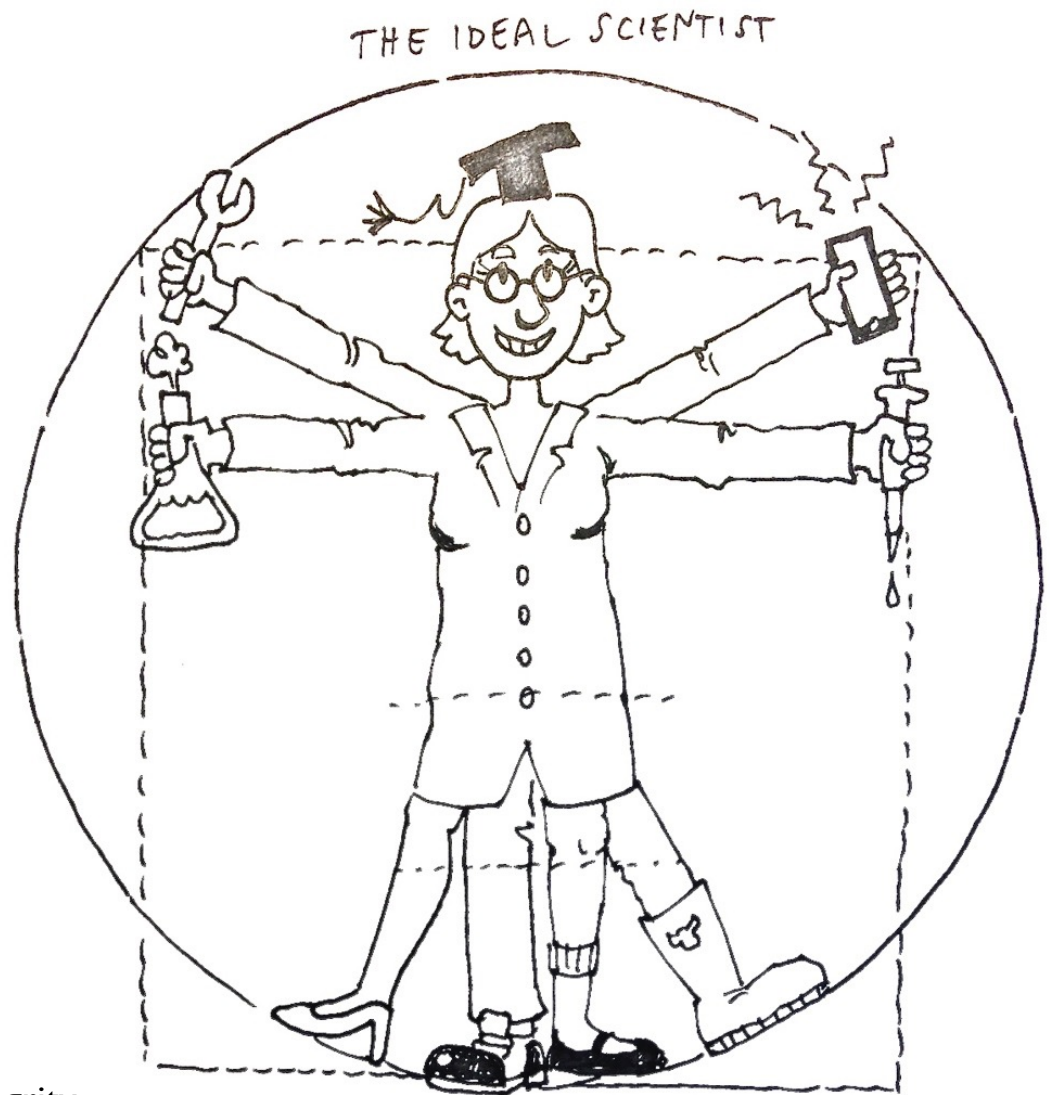
research documentation and collaboration



What defines a good scientist?

Skills:

- Good ideas
- Design experiments
- Technical skills
- Careful documentation
- Analyse results
- Communication
- Collaboration



- 1) Magna Carta Universitatum, Bologna 1988
- 2) The European Code of Conduct for Research Integrity

Responsible conduct of research

Guidelines:

1. Research planning and conduct
2. Data management
3. Publication and communication
4. Authorship
5. Collaborative research
6. Conflicts of interest



- 1) The European Code of Conduct for Research Integrity
- 2) Danish Code of Conduct for Research Integrity
- 3) Responsible Research Practice at Aarhus University

Data management

2.2. Data management

Responsible handling and storage of research data contribute to transparent and credible research within all fields of inquiry.

For research carried out at Aarhus University:

- As a general rule, all primary material and data derived from research conducted at Aarhus University must be stored at Aarhus University, which makes servers, archives etc. are available.
- All protocols, plans and strategies for experiments/studies, notes, laboratory books, data and primary material must be stored for five years after the completion of the research project, and, unless this is in conflict with other regulations or professional standards, and that there must be open access to the material, unless this is conflict with other regulations.
- All primary research material and data derived from research conducted at Aarhus University belongs primarily to Aarhus University and can only be removed or used outside of Aarhus University subject to written agreement with a department head (Arts: head of school).
- Research data and other primary research material from Aarhus University must be disposed of in a safe and secure manner with due regard for any ethical considerations.

Aarhus University is responsible for ensuring that rules are laid down for all fields of inquiry on the storage and handling of data.

From paper to digital research documentation

We don't have to convince computer scientists and bioinformaticians that 'going digital' is good

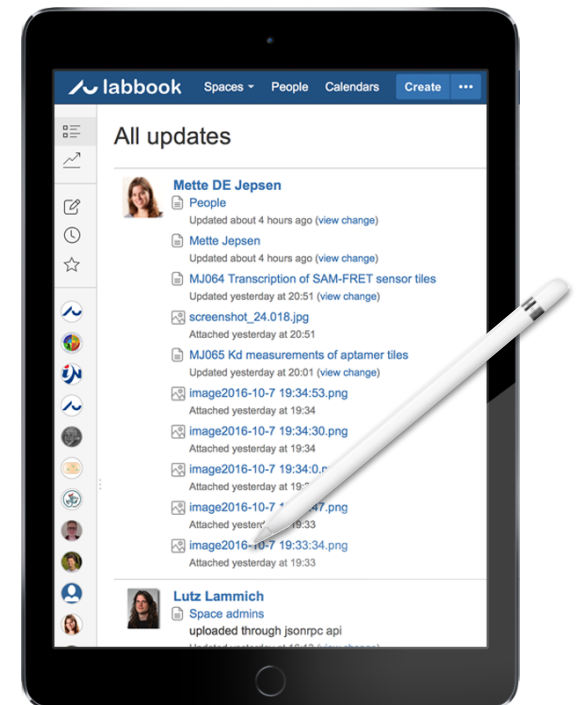
Analog lab notebook (ALN)

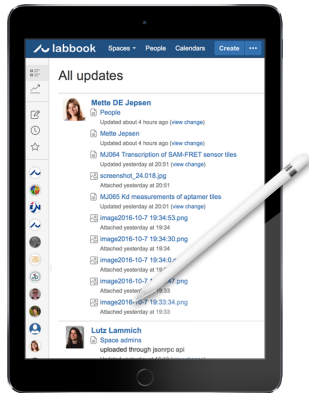


- ◆ Searchability
- ◆ Security
- ◆ Backup
- ◆ Availability
- ◆ Collaboration
- ◆ Common platform



Electronic lab notebook (ELN)





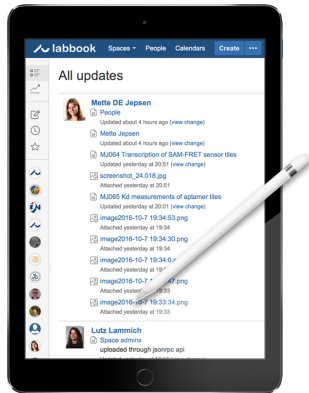
labbook.au.dk

- ◆ System was initiated at Aarhus University in 2007
- ◆ The Confluence system was chosen because of ease of use and collaboration features
- ◆ The Confluence system is developed by the company Atlassian
- ◆ Confluence is used by many big companies and universities around the world
- ◆ AU labbook is located on AU servers and uses AU login




vimeo.com/28057616





labbook.au.dk



Log in

Username

au28408

Password

.....

☐ Remember me

Log in



Labbook dashboard



labbook

Spaces ▾ People Calendars Create ...

?

⚙️

📅

DISCOVER

All updates

Popular

MY WORK

Recently worked on

Recently visited

Saved for later

MY SPACES

All

Labbook Help

Department of Molecular Biolo...

iNANO

Science & Technology

AU Cryo-EM CIG

Biosensor projekt

Andersen lab

Mads Jeppesen

Peter Møller

Daniel Miotto Dupont

Mette Jepsen

Simon Pedersen

All updates

Mette DE Jepsen

People

Updated yesterday at 14:01 (view change)

Mette Jepsen

Updated yesterday at 14:00 (view change)

MJ064 Transcription of SAM-FRET sensor tiles

Updated Oct 07, 2016 (view change)

screenshot_24.018.jpg

Attached Oct 07, 2016

MJ065 Kd measurements of aptamer tiles

Updated Oct 07, 2016 (view change)

image2016-10-7 19:34:53.png

Attached Oct 07, 2016

image2016-10-7 19:34:30.png

Attached Oct 07, 2016

image2016-10-7 19:34:0.png

Attached Oct 07, 2016

image2016-10-7 19:33:47.png

Attached Oct 07, 2016

image2016-10-7 19:33:34.png

Attached Oct 07, 2016

Lutz Lammich

Space admins

uploaded through jsonrpc api

Updated Oct 07, 2016 (view change)

Spaces

uploaded through jsonrpc api

Updated Oct 07, 2016 (view change)

Create Space

Welcome to AU labbook

AU labbook is a wiki-based platform to document research and share information within and between research groups at [Aarhus University](#). If you are new to this wiki, please check out the [Tutorials](#). To get access to relevant spaces please contact your [local user administrator](#).

Upcoming Events [My Calendars](#)

09 Today

Oct iNANO Autumn School ESA-lab

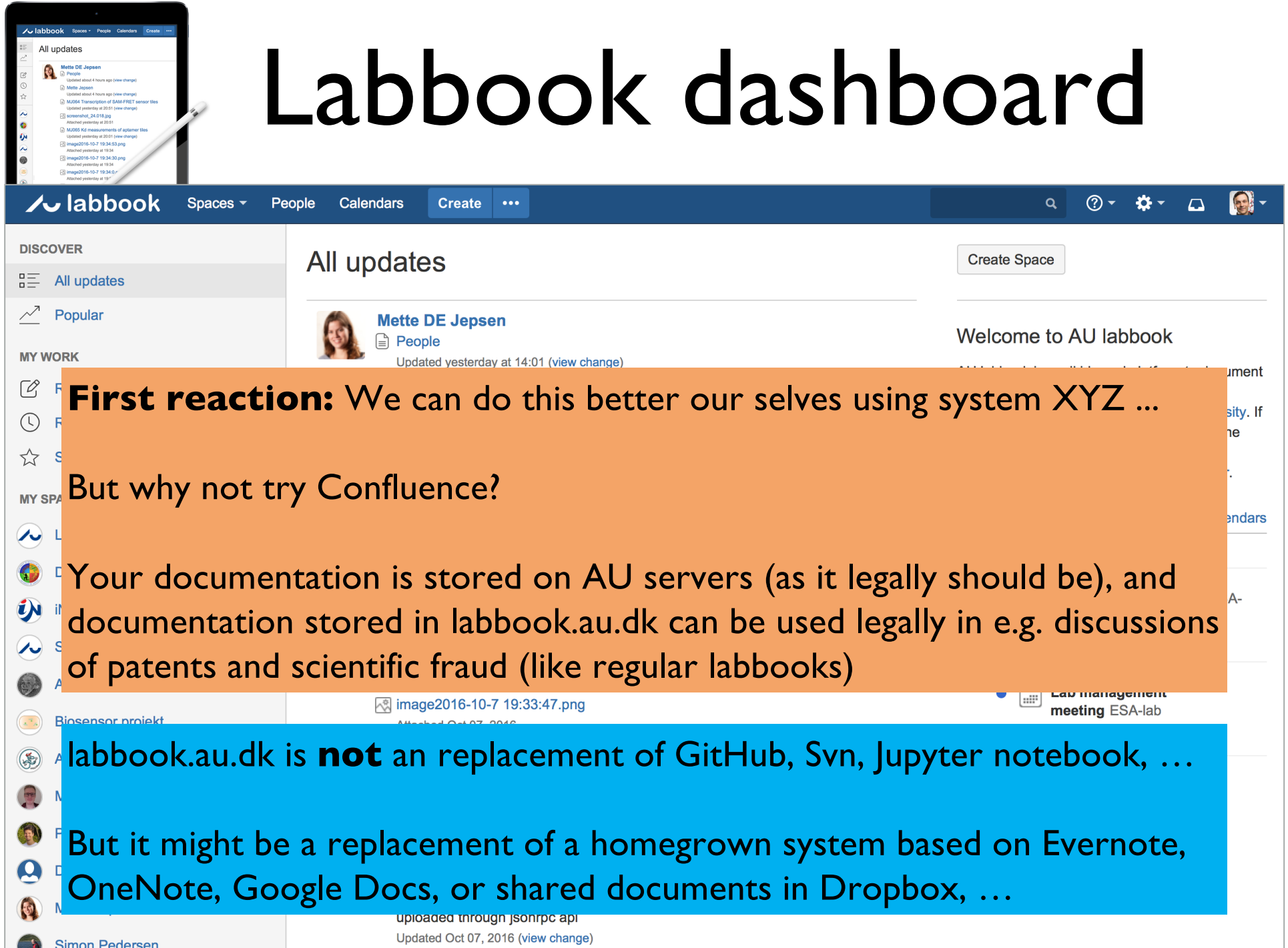
10 Monday

Oct Lab management meeting ESA-lab

11 Tuesday

Oct Group meeting ESA-lab

Labbook dashboard



First reaction: We can do this better our selves using system XYZ ...

But why not try Confluence?

Your documentation is stored on AU servers (as it legally should be), and documentation stored in labbook.au.dk can be used legally in e.g. discussions of patents and scientific fraud (like regular labbooks)

labbook.au.dk is **not** an replacement of GitHub, Svn, Jupyter notebook, ...

But it might be a replacement of a homegrown system based on Evernote, OneNote, Google Docs, or shared documents in Dropbox, ...

Adoptation of new things

Facebook generation



Old lab rat

