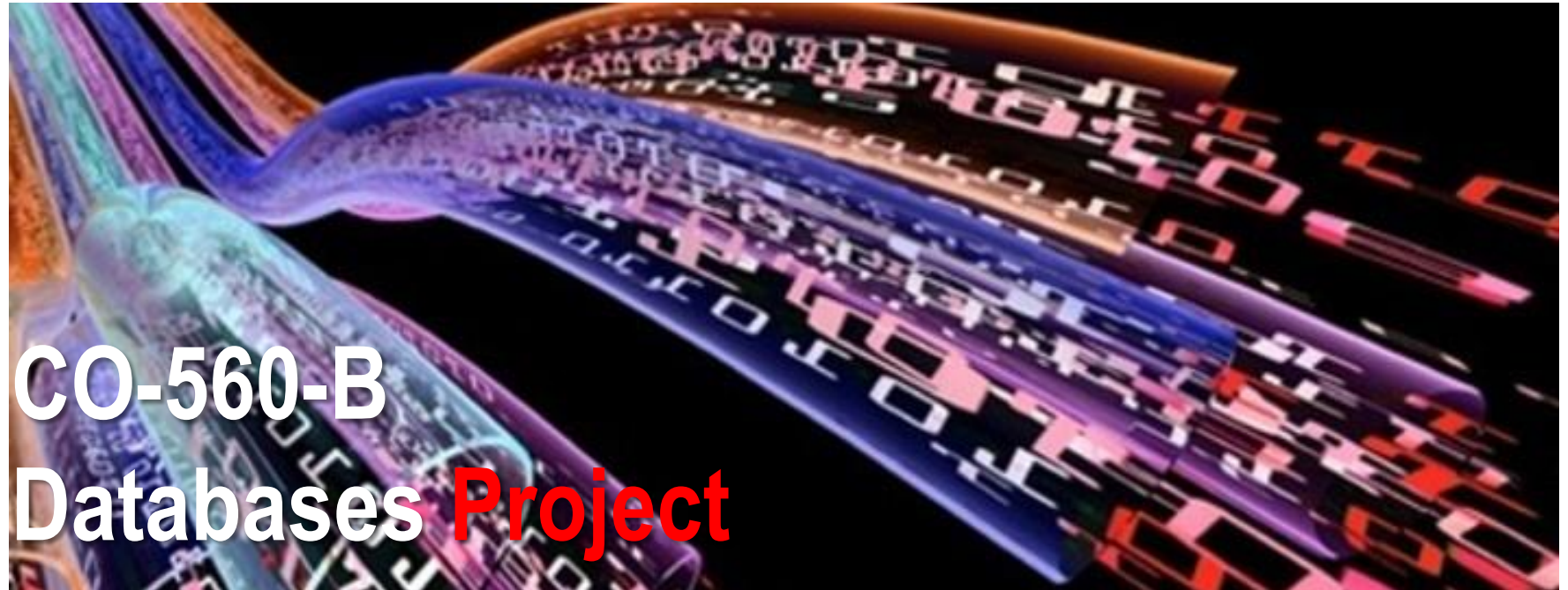




CO-560-B Databases **Project**

Instructor: Peter Baumann

email: pbaumann@constructor.university

office: room 88, Research 1

Lab Project

- This year, collaboration with **MariaDB team**
 - MariaDB teaching standard since many years at CU
- Topics: DBMS-heavy tasks around MariaDB
 - Choose one; first come, first serve
 - Several teams on same topic possible
- Team size: 3 - 4
- Work ~~may~~ will require additional own research & learning
- Result, if acceptable, adopted into open source repository
 - With your names as submitters – good for CV!

MariaDB?

Michael Widenius



MySQL RDBMS



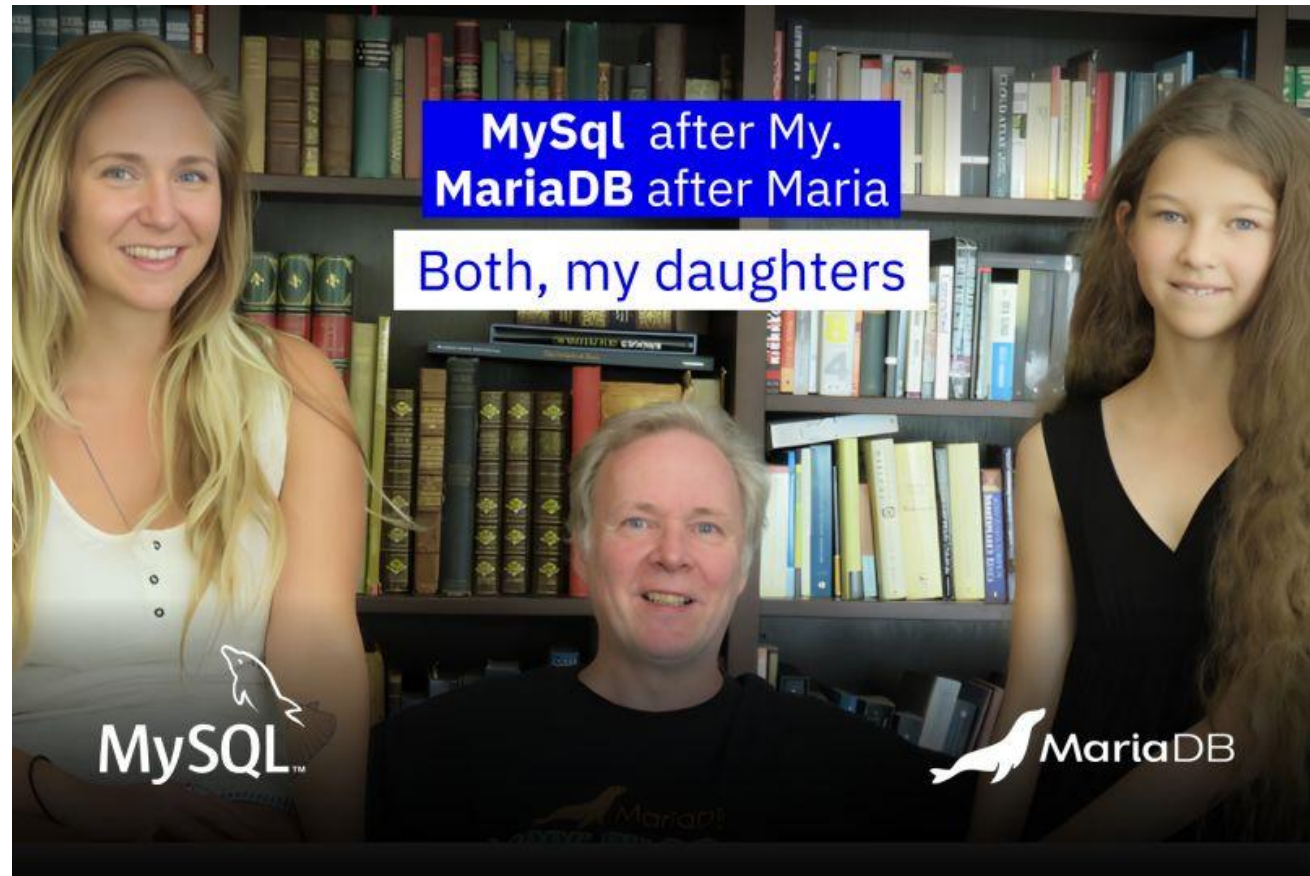
Sun Microsystems



Oracle



MariaDB fork



Where to Work

- Wherever, whenever
 - Organize your team, it's your responsibility!
 - Final submission to git repository (tba) counts
- Project sessions: Thu 11:15 session **online** (Teams)
 - TAs for Q&A, tutorials
 - Meetings with **MariaDB experts** for Q&A: **Sep 03, Sep 10, mid-semester tba, Dec 03**

Support

- **First-level support:** TAs, via Teams
 - general tech questions
 - **not** MariaDB specific
- **Second-level support:** Robert Silén robert.silen@mariadb.org, MariaDB
 - only project specifics
 - **not** general tech questions

Lab Project: Evaluation

- main evaluation criteria (no particular order):
 - understanding of the task, completeness wrt. requirements
 - good engineering (bug-free, project & code documentation, coding quality, ...)
 - user-friendliness, professional look & feel
 - complexity (in absolute terms & in comparison to other teams' work)
- **Use of AI?** We couldn't care less, but **you** remain responsible
- Evaluation by MariaDB team through AI
 - Prompts will be made available, so you can assess yourself
 - Caveat: prompts may be adjusted while going

Summary

- Real-life contribution to a leading DBMS
- Contact & exchange with worldwide reputed DBMS experts
- Self-chosen teams, 3-4
- Own responsibility (also to use AI or not)
- Next steps: **Pick teams, pick topic, add to spreadsheet**
 - and inform me!
- *...let's get hands dirty – and have fun!*

