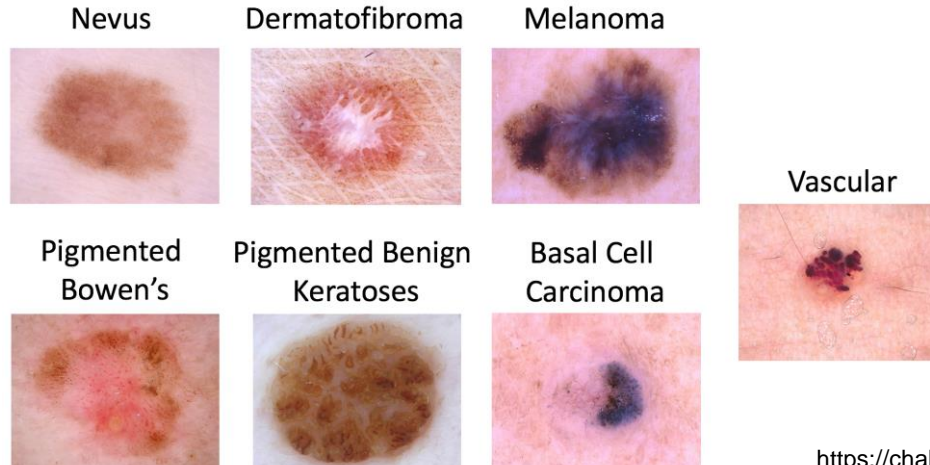


Project Seminar Overview



- Goal: Develop a Computer Aided Diagnosis System for Skin Lesions
- Use data-driven approach: Dataset with 10.000 images, categorized by experts into seven classes of lesions



<https://challenge2018.isic-archive.com/task3/>

- Binary and multi-class classification

Project Seminar Overview (2)



- Submit your results to our web-based evaluation system
- Get feedback in form of multiple metrics
- You will be able to compare your results with state-of-the-art research at the end of the course
- Apply the developed system to images of your skin

Project Seminar Time Plan



- Until **19.11.**: Form groups of 4-6 students via Stud.IP
- Phase 1 (**19.11-31.12**): Use manually extracted features for a classifier of your choice
- Phase 2 (**17.12-24.01.**): Use a deep learning based approach
- Present and discuss your results
 - in a presentation (**25.01.**)
 - in a written report (deadline in **march**)