

# CPSC 532H

# ML+Optimisation

Holger H. Hoos

# Course Timetable

- 09/03-10:  
Intro, Setup
- Block 1, 09/12-10/01:  
Preparation / consultation for content modules
- Block 2, 10/03-22:  
Content modules + Q & A sessions

# Course Timetable

- Block 3: 10/24-11/05  
Work / consultation on projects
- Block 4: 11/07-11/26  
Project presentations
- 11/28:  
Wrap-up, concept evaluation

# Projects

- **Goal:** demonstrate good understanding and command of method or technique from the literature
- Can use own implementation or implementation found elsewhere, but need to understand it completely
- Need to address a research question or hypothesis (clearly stated)

# Projects

- Strive to work with real data from an interesting application, but be realistic in what can be achieved within ~3 weeks.
- Cannot just repeat an experiment / study from the literature.
- Need to explicitly justify all choices, decisions (methods, data, ...)

# Projects

- Prepare and deliver a 45min project presentation (~30min) + discussion (~10min)
- Hand in presentation concept + materials, workshop-paper-style project report (formatting page limit + guidelines TBA)

# Projects

- Initial (informal) proposal due (e-mail to HH):  
3 weeks before presentation,
- Progress proposal discussion (1:1 with HH)  
2.5-2 weeks before presentation
- Progress update meeting (1:1 with HH)  
1.5-1 week before presentation

# Projects

- Project reports due (everyone):  
11/27, wed, 18:00
- Final reviews due (everyone):  
12/03, tue, 18:00



# Final Exam

- Oral exam, 20-30min
- Can cover **all** content modules (incl. primary reading) and **own** project (incl. related reading)
- Proposed date:  
Fri, 6 December (9:00-14:00)  
order randomised subject to constraints (other exams).