

# Projects – CH-452

01.10.2025

# Structure of the project

- **7 projects** proposed
- All on topics we mention in class but we don't deepen
- Theoretical and computational (may vary in each project)
- Uploaded on the Moodle
- Choose as soon as possible - **Deadline 10.10 at midnight.**  
Google form link on the Moodle.

# What we expect from you

- Individual/2 people
- **20 min** presentation (40 min if 2 people)
- Can be done blackboard, power point, hybrid (!)
- **10 min** of questions per person on the **project + entire course**

**Disclaimer:** be prepared to answer to questions on your partner's part

# What you can do

- Come see us or Sara for doubts/questions
- Personalize the project based on your interest (with our approval)
- You can choose/propose another project if you have something already in mind (but not from another course)

# What you can do

- Send us a skeleton of your presentation in 4 slides:
  - A. What we want to do? Why is it difficult?
  - B. What solution are we proposing?
  - C. How do we do it?
  - D. Results
- Check with us the structure of your presentation
- Send us (multiple) drafts of the presentation
- No proofs of theorem in slides, just reading of the equations

P.S.: F.T. on holidays for 2 weeks, contact Edrick during Christmas break. Dates tbd.

# Beware of Chat GPT: don't use it as a black box!

- **To code:** fine for debugging and to look for functions to do specific tasks. Don't trust it to write the entire function or the entire code!
- **For content:** ok to understand in a general way a topic, be careful to write slides content (hallucinations, mixing information, incorrect information). Double-check everything you get!
- **Chat GPT won't be at the exam:** be prepared to explain everything you wrote/told us