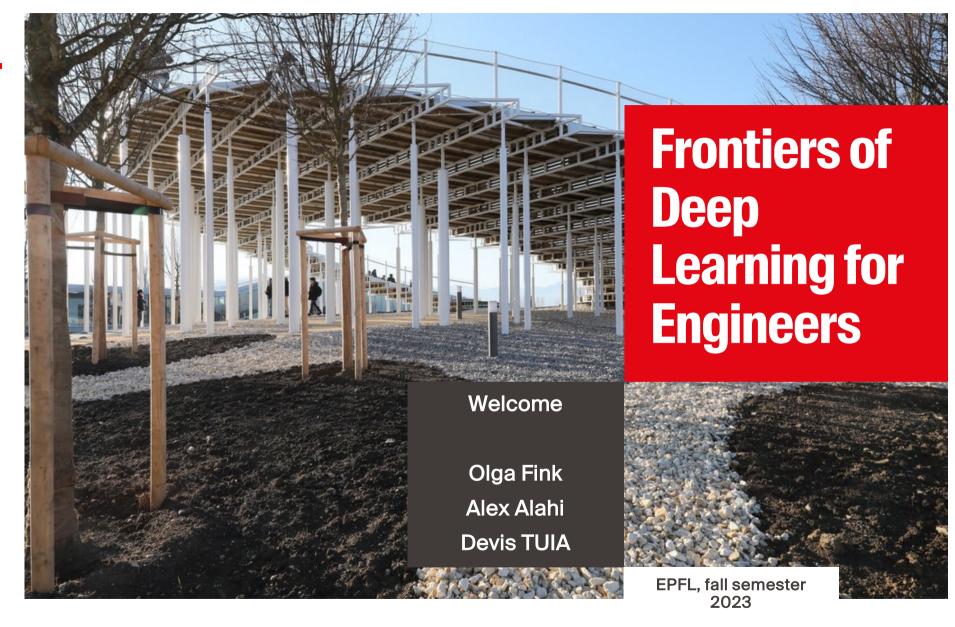
### **EPFL**



 École polytechnique fédérale de Lausanne

#### In a nutshell

#### Aim:

- discuss (as a reading group) and
- implement in your research

approaches of interest from recent deep learning literature

# Welcome, 21 September 2023

## The IPEO course learning objectives

- Understand recent deep learning papers
- Present a paper to the class in a clear and structured way
- Support your fellow peers in preparing their own presentation
- Discuss critically recent DL literature
- Implement one paper a a research study useful for your PhD

#### **EPFL**

### The IPEO course rough table of contents

- Weeks 1-8: read / present / discuss (2 papers a week)
- Weeks 9-13: implement (including a short mid term presentation on week 11 to show where you stand)
- Week 14: poster session (and apero)

### **Course evaluation**

- On the basis your presentation to the class
- Discussion in the sessions (1 joker possible)
- Your support to the presenter in two occasions (trust-based system)
- You poster presentation at the end

- Select 1 paper, for which you are in charge (list on this link)
- Make yourself available to discuss the paper with the person in charge 2 times

Paper Title	Name in charge	Buddy 1	Buddy 2
	Joe		
•••		Joe	
			Joe

# Welcome 21 Sentember 2023

## **Summing up: in the first part**

- You prepare 1 paper in details, including slides and run the discussion
  2 persons help you out to prepare and discuss offline
- You help 2 persons preparing theirs
- You read two papers a week
- During the class, you participate actively to the discussion of the 14 papers

# Welcome 21 Sentember 2023

## Summing up: in the second part

- You implement the method of your paper (or another one presented also possible, if justified)
- You adapt it to your problem of interest, ideally improve it for your case study
- Prepare a (simple) poster for the last session