Workshop schedule
PRINCIPLES OF DISTRIBUTED LEARNING (PODL)

Welcome: 8:45 - 9:00

- **9:00 - 9:20:** TISSUE VS SILICON: MUSINGS ON THE FUTURE OF DEEP LEARNING HARDWARE AND SOFTWARE
  - NIR SHAVIT (MIT, USA)

- **9:20 - 9:40:** HAMMER OR GAVEL. OR HOW I LEARNT TO STOP LEARNING AND LOVE THE OLD-FASHIONED ALGORITHM
  - INDRANIL GUPTA (UIUC, USA)

- **9:40 - 10:00:** COLLABORATIVE LEARNING IS AN AGREEMENT PROBLEM
  - SADEGH FARHADKHANI (EPFL,SWITZERLAND)

COFFEE BREAK: 10:00 - 10:30

- **10:30 - 10:50:** ASYNCHRONOUS DISTRIBUTED MACHINE LEARNING
  - HAGIT ATTIYA (TECHNION, ISRAEL)

- **10:50 -11:10:** ACCELERATED DEEP LEARNING VIA EFFICIENT, COMPRESSED AND MANAGED COMMUNICATION
  - MARCO CANINI (KAUST, SAUDI ARABIA)

- **11:10 - 11:30:** FRUGAL DISTRIBUTED LEARNING
  - ANNE-MARRIE KERMARREC (EPFL,SWITZERLAND)

- **11:30 - 11:50:** ELASTIC CONSISTENCY: A GENERAL CONSISTENCY MODEL FOR DISTRIBUTED OPTIMIZATION
  - DAN ALISTARH (IST, AUSTRIA)

- ~~**11:30 - 11:50:** A NON-PARAMETRIC VIEW OF FEDAVG AND FEDPROX: BEYOND STATIONARY POINTS~~
  ~~**- LILI SU (NORTHEASTERN UNIVERSITY, USA)**~~

LUNCH BREAK: 11:50 - 14:00

- **14:00 - 14:20:** ROBUST SPARSE VOTING
                            - **YOUSSEF ALLOUAH (EPFL, SWITZERLAND)**

- **14:20 - 14:40:** SCALING UP DISTRIBUTED LEARNING WITH SYSTEM RELAXATIONS: BAGUA AND BEYOND
                            - **CE ZHANG (ETH ZURICH, SWITZERLAND)**

- **14:40 - 15:00:** SCALABLE ALGORITHMS FOR DISTRIBUTED PRINCIPAL COMPONENT ANALYSIS
                            - **WAHEED BAJWA (RUTGERS UNIVERSITY, USA)**

- ~~**15:00 - 15:20:** MARINA: FASTER NON-CONVEX DISTRIBUTED LEARNING WITH COMPRESSION~~
                            ~~- **KONSTANTIN BURLACHENKO (KAUST, SAUDI ARABIA)**~~

- ~~**15:20 - 15:40:** ON PRIVACY AND SECURITY IN FEDERATED LEARNING~~
                            ~~- **SUHAS DIGGAVI (UCLA, USA)**~~

- **15:00 - 15:20:** THE ROLE OF MOMENTUM IN BYZANTINE LEARNING
                            - **NIRUPAM GUPTA (EPFL, SWITZERLAND)**

- **15:20 - 15:40:** MACHINE LEARNING WITHOUT JEOPARDIZING THE DATA
                            - **ARNAUD GRIVET SÉBERT (CEA, FRANCE)**

- **15:40 - 16:00:** CAN BYZANTINE LEARNING BE PRIVATE?
                            - **RAFAEL PINOT (EPFL,SWITZERLAND)**

Coffee Break: 16:00 - 16:30