

Iwasawa Laboratory – Deep Learning and Its Applications -



Yusuke IWASAWA (Project Assistant Professor)

- ~ 2020.12 Working at Matsuo Laboratory as researchers
- 2014.03 Ph.D in Technology Management for Innovation (TMI), The University of Tokyo Japan
- Collaborating with Prof. Matsuo in TMI
 - Joint research and study meeting
 - Collaborative research on deep learning algorithms
- Collaborating with Prof. Yairi in Sophia University
 - Collaborative research on assistive technology

Researches: deep learning algorithms and its applications

■ Algorithms (Keywords)

- Few-shot learning / meta learning / transfer learning
 - How can a machine learn from data more quickly?
- Robust deep learning
 - How can we develop more robust deep learning system?
- Privacy / fairness
 - How can social constraints be incorporated into deep learning?

■ Applications (not covered)

- Assistive technology
- Knowledge tracing
- Robotics
- Etc.

See HP for recent publications :

<https://www.yusukeiwasawa.com/publications>

Outreaches

■ Deep learning reading group

- Organizer
- More than 256 events, 500 slides
- <https://deeplearning.jp/seminar-2/>



■ Book translation

- Main translator (and supervisor)
- Comprehensive book about deep learning

