

2022 Research internship on automatic sign language translation:

A funded research internship position is available at the [IMAGINE](#) computer vision team of École des Ponts ParisTech, France.

The project will investigate sign language translation, which is at the intersection of computer vision (CV) and natural language processing (NLP). Translating a sign language video into spoken language text is a challenging and unsolved problem, this project will make a step towards this goal by exploring advances in data-driven machine learning (ML) models in combination with recent sign language data collections. The project will involve working with large-scale video and text datasets. There will be a particular focus on video representation learning, including but not limited to self- and semi-supervised learning with sign language videos.

The intern will be co-supervised by [Gül Varol](#) (IMAGINE, École des Ponts ParisTech) and [Andrew Zisserman](#) (VGG, University of Oxford).

We are looking for candidates, motivated to work on sign languages, with an interest in computer vision and natural language processing. The position is suitable for finishing Master's students, **willing to continue for a PhD**. The ideal timeline would be an internship April-September 2022, followed by PhD starting Fall 2022.

To apply, or to request further information, candidates can contact gul.varol@enpc.fr.

The applications should include the following:

- Motivation letter
- Resume
- Reference letters or contact information of the referees
- Transcripts
- [optional] Previous research description (e.g., thesis, publication, internship report)

Deadline: **January 7~~th~~ 14th, 2022**.