

Past projects, workshops, working groups

On Sign Language

- 2018-2021 : **Rosetta** - PIA Major digital challenges project
 - Coordination for LISN: A. Braffort
 - Development of an automatic generator of multilingual subtitles for television programmes and internet video content for the deaf and hard of hearing based on artificial intelligence and development of an automatic system for representing French sign language (LSF) in the form of an animation based on a 3D signing avatar.
 - Partners: Systran, MocapLab and MFP (Multimédia France Productions/subsidiary of France Télévision), LISN and CHArt-LUTIN laboratories.
 - People involved at LISN: 5 permanent staff (A. Braffort, M. Filhol, M. Gouiffès, E. Prigent, F. Yvon), 3 PhD students (F. Bigand, F. Buet, M. Kaszmarek), 3 post-docs (V. Belissen, C. Danet, E. Martinot).
- 2014-2015 : **APLUS** - Multidisciplinary analysis of movement in French Sign Language (PEPS HuMaIn)
- 2011 & 2012 : **DEGELS 2011 & 2012** (Gesture and Sign Language Annotation Challenge) - TALN Workshops
- 2009-2012 : **Dicta-Sign** - Sign Language Recognition, Generation and Modelling with application in Deaf Communication
- 2011 : **Annotation of video corpora** - Atala Training
- 2005-2007 : **LS-SCRIPT** - Study of graphic forms for LSF (RIAM/ANR)
- 2005 : **TALS 2005** (Automatic Sign Language Processing) - TALN Workshop
- 2000-2002 : **LS-COLIN** - Sign Languages, COgnition, Linguistics, INformatics - (COgnition, Linguistics, INformatics - pre ANR)
- 2000-2002 : **ARC LSF** - Elaboration of a corpus of directional verbs in LSF for the comparison and evaluation of computer systems dedicated to video information extraction and automatic gesture recognition (ARC INRIA-Sophia)

On gesture interaction

- 2005-2007: RNTL project **PERF-RV2** : Virtual Human at Work in the Factory of the Future
- 1997-1998: European project **Chameleon** - Language and image data fusion using stochastic models and spatial context modelling

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