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A KEY FOR
EDUCATION, HEALTH,
AND SOCIAL COHESION
**LINGUISTIC COMPLEXITY**

**LANGUAGE IS OMNIPRESENT** in human beings. As a biological and social phenomenon, it involves the interaction of many different aspects. ASLAN seeks to understand this complexity, from the construction of an interaction in a simple conversation to a wide scale comparison of world languages, particularly through the study of big data.

**Example:** The AVIR project aims to develop automatic analyses of videos to study complex educational situations, and understand the construction of knowledge.

**TRAINING**

ASLAN sets up education and training programs adapted to a variety of audiences, beyond the world of research. This module also aims to give young foreign researchers the opportunity to come to ASLAN to enrich their training.

**Example:** The ELSE thematic school, for innovation in Foreign and Second Language Education. The objective of this thematic school was to respond to questions from teachers, trainers and researchers about education in bilingual and plurilingual contexts.

**DISSEMINATION**

**LANGUAGE IS AT THE VERY HEART** of the existence of humanity. ASLAN has taken up several challenges facing our societies, in various areas, ranging from health and education, to cultural or sociological aspects (see below for a few application domains).

As active players in society, we look forward to developing new collaborations. Do please get in touch with us!

**Example:** Science cafés. We actively work on creating appropriate formats to launch discussions about socio-scientific and socio-political questions for diverse audiences. Thus in collaboration with a grassroots education organization, we have developed YouTalk cafés, a tool adapted to middle school pupils.

**TECHNICAL PLATFORM**

ASLAN uses several materials (electroencephalography, audiometry, etc.) or digital platforms (software and databases). The Complex Corpora Cell provides assistance to ASLAN and its partners for aspects related to corpora building and processing (Advice, Engineering, Training, Initiation of transversal projects and Monitoring).

**FROM THE INDIVIDUAL TO INTERACTIONS**

**THIS RESEARCH AREA** focuses on child language development, on the cognitive functioning of language from a lifespan perspective, as well as language use in varied interactional contexts. Many situations are studied, and in particular the case of pathologies which impact language communication.

**Example:** The ETUDYS project (Welcoming, integrating and accompanying dyslexic students at university) aims both at understanding the specificities of dyslexic students from a sociological, cognitive and linguistic point of view, and at raising awareness of dyslexia in the university context (setting up training, tools, adapted support, etc.).

**LANGUAGE AND LANGUAGES**

**THE GOAL OF THIS RESEARCH AREA** is to gain a better understanding of the origins of language, as well as the evolution that led to the thousands of languages spoken today. This fragile diversity must not obliterates the extremely alarming situation of most languages, which are in fact endangered.

**Example:** The Tupi-Guarani project focuses on the family of about forty languages spread across a vast territory of South America. The aim is to improve computational modeling methods for a better understanding of their history.

**DOMAINS OF APPLICATIONS**

- Health (language or attention disorders, Alzheimer’s disease, improving care and interactions with patients, etc.)
- Education (teacher training, pedagogical innovations, plurilingualism, etc.)
- Knowledge dissemination and grassroots education (science cafés, cultural aspects of language)
- Language policies (multilingualism, migration, endangered languages, etc.)
- Language technologies (development of resources and automatic language processing applications and interactive media)

**Video corpora:** complex methods that are constantly evolving