

LIUM

Computer Science Laboratory
Le Mans



2 research teams

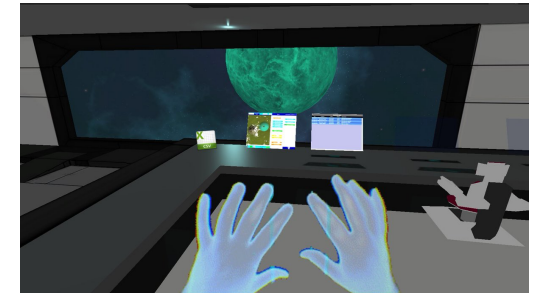
Technology-Enhanced Learning (TEL)
Language and Speech Technologies (LST)

Members

25 professors and associate professors
20 post-doc and PhD students

Technology-Enhanced Learning Team

- Research: educational technologies
- Research directions
 - Support for the design of educational activities
 - screenwriting, authoring tools, ...
 - Analyse of learning activities
 - pedagogical indicators, learning analytics, ...
 - human and computer interactions
 - interactive tables, mixed reality, ...
- Applications: e-learning, serious games
- Contact: Sébastien George



Language and Speech Technologies Team

- Research : speech technologies
- Research directions
 - Speech transcription and speech analytics
 - Transcription, name entity, speech understanding and dialogue
 - Speaker characterization
 - Identity, gender, language ID, emotion ...
 - Translation
 - Text to text, speech to text ...
- Machine learning, deep learning expertise
- Contact: Anthony Larcher



Key points

1

Industrial partners

FaceBook, Deutsche Welle, ...
Airbus, France Télévision, ...



2

35+ research contracts

Budget: 800 k€ / years
ANR, EU, Google



3

Publications & Productions

180+ publications > 2018
TED LIUM corpus
10+ open source software



4

Innovation Radar Price

In Industrial technologies category
Under the EU-funded EUMSSI project



Live speech visualization

