

# GILLES ADDA

## PERSONAL INFORMATION

*Born in Paris, 6th of June 1959*

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## POSITION

CNRS senior research engineer.

## WORK EXPERIENCE

2020- Head of Language Science and Technology Department at LIMSI  
2014-2015 Director of the IMMI lab  
since 1992 CNRS research engineer at LIMSI lab  
1987-1991 Research engineer, French Ministry of Culture  
1983-1987 Engineer at the Systex company

## EDUCATION

*HDR* University Paris Sud - Paris XI  
2011 Professorial Thesis (HDR) in Computer Sciences  
*Empirical approaches and statistical modeling of speech.*  
*Phd* University - Paris XI - Orsay  
1987 PhD in Computer Sciences  
*Automatic recognition of large vocabularies: a syntactic and lexical study.*  
*MSc* University - Paris XI - Orsay  
1983 Computer Sciences  
*Engineer* Ecole Centrale de Lyon  
1982 specialty: solid mechanics.

## PUBLICATIONS

*h-index 35*  
*(Google Scholar)*  
*Awards*  
over 190 articles  
2010 CNRS Crystal Medal.  
(<http://www.cnrs.fr/insis/recherche/docs-actualites/2010/AddaG.pdf>)  
"ISCA Speech Communication Journal best paper award 2004"

## RESEARCH ADMINISTRATION

<i>Coordination</i>	<p>Head of Research topic “Linguistic modeling”, then Head of Research topic “Language modeling, machine learning and translation” in the LIMSI Spoken Language Processing group (1992-2011).</p> <p>Member of the AFCP board (Association Francophone de la Communication Parlée, 2009-2016).</p> <p>Member of the scientific committees JEP (2008-2012), LREC (2008-2014), Interspeech (2008-2013), ICASSP (2008-2013), ASRU (2009-2013), Member of program committee JEP/TALN 2010, 2012.</p> <p>Expert in national (ANR, Lorraine region, DGLFLF) and international (member of the International Advisory Panel of Dutch/Flemish STEVIN program on <i>Human Language Technology</i>) programs.</p> <p>Chairman of the international workshops ERRARE 2013 (<a href="http://www.immi-labs.org/spip.php?rubrique55">http://www.immi-labs.org/spip.php?rubrique55</a>), TLRf2015(<a href="http://tlrf2015.sciencesconf.org/">http://tlrf2015.sciencesconf.org/</a>).</p> <p>Writer of the “Ethics and Big Data” Charter (<a href="http://wiki.ethique-big-data.org/">http://wiki.ethique-big-data.org/</a>).</p>
<i>2017-</i>	<p>Head of Language Science and Technology Department at LIMSI</p> <p>Head of Research topic “Linguistic resources” in the LIMSI Spoken Language Processing group.</p> <p>Expert for the DGLFLF (Délégation Générale à la Langue Française et aux Langues de France) .</p> <p>Member of the ELRA (European Language Resources Association) board.</p> <p>Member of the CCNE (Comité Consultatif National d’Ethique pour les sciences de la vie et de la santé/ National Consultative Ethics Committee for health and life sciences ).</p> <p>Member of the CNPEN (Comité National Pilote d’Éthique du Numérique / National Pilot Committee on Digital Ethics).</p> <p>Invited member of the COMETS (CNRS Ethics Committee).</p>
<i>Project Management</i>	<p>9 European projects (principal investigator of 2);</p> <p>7 industrial research conventions (principal investigator of 2);</p> <p>12 national projects (RTRA Digiteo, ANR, Oseo, competitiveness cluster) (principal investigator of 8);</p> <p>4 international projects (DARPA, Oséo, CHIST-ERA)</p>
<i>Valorisation</i>	<p>Software License Lo2045 contract with the Vocapia company, participation in the creation of the company and Scientific adviser of the Vocapia company.</p>

## RESEARCH ACTIVITIES

<i>Statistical Language Modeling</i>	<p>Development of probabilistic language models, applied to speech recognition, translation, information retrieval (Question &amp; Answer).</p>
<i>Linguistic Knowledge on Spoken Language</i>	<p>Linguistic analysis of specific phenomena of speech, especially spontaneous speech.</p>
<i>Corpus and Evaluation</i>	<p>Evaluation of systems in language engineering. Methodology, evaluation organization (morpho-syntactic analyzers, speech transcription).</p> <p>Development of corpus of text and speech. Ethics of Corpus development.</p>
<i>Big Data and Ethics</i>	<p>Epistemology of Big Data. Ethics related to the use of big data and Artificial Intelligence.</p>

February 17, 2020