

## Young Researchers

### Doctoral School

The LLING provides support and supervision for the PhD degree in linguistics. The doctorate is attached to the doctoral school of Education, Languages, Interaction, Cognition, Clinique (ELICC, <https://ed-elicc.u-bretagne-normandie.fr/>)

This doctoral school brings together 12 research units in Humanities from the Universities of Nantes, Rennes 1, Angers, Le Mans, Rennes 2, Bretagne Occidentale and Bretagne Sud.

### Phd Students

Ashraf Allawama, Emmanuella Annan, H  l  ne Ball  -De Canteloube, Samantha Becerra-Zita, Amazigh Bedar, Ana Bosnic, Antoine Cochard, Agnieska Duniec, Kryzzya Gomez, Elizabeth Heredia, Vincent Krebs, Anton Kungl, Lucie Quellec, Patrick Rohrer

### Post-doctoral Researchers

Oana Lungu, Connor Youngberg

## Faculty members

**Jean-Marc Beltzung** (MCF) : phonology, primitives, processes, clinical phonology. **Sabrina Bendjaballah** (DR) : phonology, length, vocalic systems, internal structure of templates. **Charles Brasart** (MCF) : English linguistics, bilingualism, code switching, sociolects. **Catherine Collin** (PR) : semantics, diction, modality, intersubjectivity. **Anne Croll** (MCF-HDR) : pragmatics, discourse, stuttering, language impairment (Specifically Alzheimer's), pragmatic and discourse competency, coherence and inconsistency. **Olivier Crouzet** (MCF) : phonetics, phonology, dynamic modeling, acoustic trajectories, perception and production. **Christine Cuet** (MCF): acquisition, L2 Acquisition of French, FLE, spatial cognition. **Marie-Ange Dat** (MCF) : second language acquisition, implicit vs. explicit learning, comprehension and memorization, emotional influences in language attrition. **Marta Donazzan** (MCF) : formal semantics, lexical semantics, syntax-semantics interface. **Beno  t de Cornulier** (PR emeritus): semantics, pragmatics, prosody, poetry; **Elisabeth Delais-Roussarie** (DR): prosody, phonology, phonetics, the phonology-syntax-semantics interfaces. **Hamida Demirdache** (PR): syntax, semantics, acquisition, tense and aspect, negative concord, interrogatives, resumptive pronouns. **Anamaria F  l  uş** (CR) : semantics, pragmatics, polarity phenomena, modality and indefinite epistemics, negation, implicature. **Ga  lle Ferr  ** (MCF) : prosody, discourse analysis, multimodality, gesture, the pragmatics of interaction. **Cyrille Granget** (MCF) : semantics, L2 acquisition, function and verbal constructions, verbal morphology, modal expressions. **Martin Haiden** (PR) : morphology, syntax, acquisition of pronominal construction, comprehension in real-time, evaluation of narrative. **David Imbert** (IR) : counting and numerical abilities in childhood, mathematic cognition, acquisition. **Monique Loquet** (T) : Managing administrator of the laboratory. **Shuaijun Mallet-Jiang** (MCF): syntax, verbal complements, aspect, cleft constructions parentheticals. **Orin Percus** (PR) : syntax, semantics, compositional semantics, intentional constructions, uninterpreted constituents, "enriched" interpretations. **Isabelle Roy** (PR) : syntax, syntax-semantics interface, early language acquisition, predication, ontology. **Ali Tifrit** (MCF) : phonology ; formal theory, primitives, segmental and syllabic structure.

## Events

### 2019

- *Journ  es de Linguistique Berb  re*, 6-7 December
- *Conf  rence interdisciplinarit   MSH Ange-Gu  pin*, 29 November
- *Workshop "Complex Multiple wh-constructions"*, 25-26 November
- *S  minaire "M  thodologies en sciences cognitives"*, 7 November
- *OASIS 2 conference*, 16-18 October
- *OASIS 2 workshop "Correlating possibilities"*, 14-15 October
- *The Language Faculty 2019: "Linguistics and the Brain Sciences"*, 21 June
- *Conference "Theoretical and Formal Linguistics"*, 11 June
- *Conference "Multilingualism and Otherness"*, 10 May

### 2018

- *Journ  es d'  tudes du R  seau d'Acquisition des Langues Secondes (ReAL2)*, 6-7 December
- *Somali workshop: linguistics and geography*, 5 December
- *Second BJALL International Conference*, 14-16 November
- *Multiple wh- constructions and their kin*, 17-18 September
- *Journ  es m  thodologiques Eye Tracking*, 11-13 September
- *Temporalit   et s  quentialit   dans les formes sonores*, 27 June
- *Bilingualism Matters*, 25 June
- *Elements*, 14-15 June
- *Grammatical and Conceptual ingredients of meaning*, 4 June
- *The Language Faculty (LF'2018)*, 1 June
- *3  me Journ  e d'  tudes gall  ses (JEG'2018)*, 7 April
- *Langues minoritaires-langues officielles, bilinguisme et acquisition*, 29 March

### 2017

- *Journ  es LIA "Grammar of the Verbal Domain in Romanian and Beyond"*, 11-13 October
- *5   journ  es d'  tudes sudarabiques modernes*, Paris, 20-21 September
- *Ecole th  matique CNRS LANGHERIT*, Roscoff, 3-7 July
- *Acquisition de la morphologie verbale en fran  ais langue seconde*, 13 June
- *The Language Faculty*, 2 June
- *Rencontre Bilinguisme*, 24 March
- *GLOW 2017 Workshop Heritage Language Knowledge and Acquisition*, Leiden, 14 March
- *TELIC 2017 Workshop on Non-culminating, Irresultative and Atelic Readings of Telic Predicates. Combining Theoretical and Experimental Perspectives*, Stuttgart, 12-14 January
- *Journ  e anniversaire de la reconnaissance CNRS du Laboratoire*, 9 January

### 2016

- *4   journ  e d'  tudes sudarabiques modernes*, 14 october
- *Connaissances et usages en langue seconde (COULS)*, 29 June-1 July
- *'Accord - Pas d'accord' - Colloque international du CerLiCO* (Cercle Linguistique du Centre et de l'Ouest), 10-11 June
- *Conference on nonfinite subjects*, 1-2 April

## Laboratoire de Linguistique de Nantes

UMR6310



The Laboratoire de LINGuistique de Nantes (LLING) is a Mixed Unit of Research (UMR-6310 / CNRS & University of Nantes) whose research aims to define the human capacity of language through modeling the representations and mechanisms involved in the acquisition, production, perception and understanding of language.

Our work links explicit theoretical frameworks with strong and varied empirical foundations. The aim is to shed light on issues in formal linguistics based on new data from different complementary methodologies (field linguistics, experimental linguistics and corpora).

LLING faculty members are attached to the UFR Faculties of "Lettres et Langues" and "Langues et Cultures   trang  res" at the University of Nantes.



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## Experimental platform

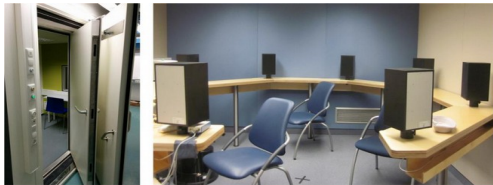


LLING has an experimental platform allowing for the development of innovative research protocols concerning:

- audio recording: digital recording equipment and a **soundproof booth** (Prodition) allowing for ideal acoustic conditions.

- eye tracking: **EyeLink Portable Duo system** (SR Research) for the measurement of eye movements in psycholinguistic studies.

- electroencephalography (EEG) : **acti32CHamp System** (Bionic) for for measuring electrical activity in the brain



## Characterising the capacity of Language Exploring problems in formal linguistics Collecting new data with different methodologies

### 2 axes of research

#### Structure et interprétation

"Structure et Interprétation" brings together work on (morpho) syntax, semantics, pragmatics, acquisition and multimodality. We focus on questions concerning the architecture of grammar, on the design and modeling of the interface between various grammar components. It also integrates the study of multiple grammars and their interactions through L1 and L2 acquisition studies, studies on bilingualism and studies of heritage languages.

#### Formes sonores

"Formes Sonores" brings together works on the issue of sound structures, with a particular focus on the interfaces between phonetic, phonology, psycholinguistics and morpho-syntax. It studies the abstract, categorical knowledge governing the properties of speech sounds and their relations with each other, as well as their particular articulation, acoustics, and perception.

*The work carried out is characterized by wide empirical coverage: primary data (consisting of oral or multimodal corpora) across a large number of languages, the development of methodological tools that underlie the collection and analysis of empirical data, and the deepening of theoretical issues associated with observations.*

### Selected research projects

#### ALMAS "Ancient and Modern Languages of South Arabia"

Funded by "Agence Nationale de la Recherche" coordinated (for Nantes) by S. Bendjaballah



#### Logically speaking : LANGuage as an inferential system

Funded by "Etoiles Montantes";  
PI: A. Falaus



#### Impact des variations combinées de la voix et de la parole sur la perception de voyelles

"Mobility Grant Marie Skłodowska-Curie";  
PI: O. Crouzet



#### CHILL Serious Games

Funded by "DIRE, CNRS";  
PI: H. Demirdache



#### Research Networks

- ✓ **IRN-** ALL, Afroasiatic Languages and Linguistics: Bridging the Red Sea Rift
- ✓ **LIA-** Grammar of the Verbal Domain in Romanian and Beyond
- ✓ **GDR-** Oasis, Ontology as Structured by the interfaces with Semantics
- ✓ **The Language Faculty** - Réseau de chercheurs en linguistique formelle
- ✓ **Real2** - Réseau de chercheurs en acquisition des langues secondes



### MEX Seminar (Méthodologies EXPérimentales)

LLING members and guests conduct the MEX seminar for the discussion of research protocols, methodological tools and / or methods of analysis.

### SynSem Seminar (Syntaxe Sémantique)

### P3 Seminar (Phonétique Phonologie Prosodie)

LLING members conduct two seminars in which they present their current research and regularly host international guests.

### Studied languages

Arabic	Basque	Bavarian	Berber
Breton	Chinese	Coptic	Dutch
English	Faroese	French	Gallo
German	Hobyot	Icelandic	Italian
Japanese	Jibbali	Korean	Mbochi
Mehri	Portuguese	Romanian	Sardinian
Serbian	Somali	Spanish	Vietnamese