UMR IRISA

3-year Postdoctoral Researcher
in Multilingual Speech Processing

CONTEXT

The Expression research team focuses on expressiveness in human-centered data. In this context, the team has a strong activity in the field of speech processing, especially text-to-speech (TTS). This activity is denoted by regular publications in top international conferences and journals, exposing contributions in topics like machine learning (including deep learning), natural language processing, and speech processing.

Team Expression takes part in multiple collaborative projects. Among those, the current position will take part in a large European H2020 project focusing on the social integration of migrants in Europe.

Team's website: https://www-expression.irisa.fr/

PROFILE

Main tasks:
1. Design multilingual TTS models (acoustic models, grapheme-to-phoneme, prosody, text normalization…)
2. Take part in porting the team's TTS system for embedded environments
3. Develop spoken language skill assessment methods

Secondary tasks:
1. Collect speech data
2. Define use cases with the project partners

Environment: The successful candidate will integrate a team of other researchers and engineers working on the same topics.

Required qualification:
> PhD in computer science or signal processing

Skills:
- **Statistical machine learning and deep learning**
- **Speech processing and/or natural language processing**
- **Strong object-oriented programming skills**
- Android and/or iOS programming are a strong plus

CONTRACT

Duration: 36 months, full time
Salary: competitive, depending on the experience.
Starting date: 1st, November 2018.

APPLICATION & CONTACTS

Send a cover letter, a resume, and references by email to:
- Arnaud Delhay, arnaud.delhay@irisa.fr ;
- Gwénolé Lecorvé, gwenole.lecorve@irisa.fr ;
- Damien Lolive, damien.lolive@irisa.fr.

Application deadline: 15th, october 2018.

Application will be processed on a daily basis.

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