

# ***FALAS NO LABFON***

Sessões de trabalho do Laboratório  
de Fonética e Fonologia & Lisbon  
BabyLab (CLUL)  
12 de Julho, 15.00-16.00  
Sala 10.1



## **Automatic labelling of intonational events using ToBI guidelines**

Wendy Elvira-García

*Universitat de Barcelona, Universitat Pompeu Fabra*  
[wendyelvira@ub.edu](mailto:wendyelvira@ub.edu), [wendy.elvira@upf.edu](mailto:wendy.elvira@upf.edu)

Transcribing is, in most cases, the first step in the study of phonetics. Transcribing is a time-consuming task especially when it comes to the transcription of intonation (Syrdal et al., 2001). This has triggered the interest in achieving automatic transcribers of intonation for almost all of the possible transcription systems since the 80'. In this talk I will give an insight to a rule-based transcriber for Spanish and Catalan, Eti\_ToBI (Elvira-García et al. 2015), explaining the philosophy behind the transcriber and how the rules are implemented, and we will use this information to foresee issues that would arise when automating the transcription of standard Portuguese.

### **References**

- Elvira-García, W., Roseano, P., Fernández-Planas, A. M., & Martínez-Celdrán, E. A tool for automatic transcription of intonation: Eti\_ToBI a ToBI transcriber for Spanish and Catalan. *Language Resources and Evaluation*, 1-26.
- Syrdal, A. K., Hirschberg, J., McGory, J., & Beckman, M. (2001). Automatic ToBI prediction and alignment to speed manual labeling of prosody. *Speech Communication*, 33(1), 135–151.

