

LORIA UMR 7503



### IFCASL project

- Department of Computational Linguistics and Phonetics, university of saarbrücken, Germany.
- Multispeech Team, LORIA-INRIA, France
- Topics Language Learning.







#### **IFCASL** project

- □ Speech recognition → Speech Text Alignment
- □ Scoring → Score of the result of the
- $\square$  Error Detection o Example Fricative / Occlusive Mispronounced
- □ Error Diagnosis → Automatic Diagnosis of the Above Error For Example
- □ Feedback presentation → Audio Feedback (Give Correction : Modifier the Learner Signal )



# **IFCASL** project



### **ORTOLANG** project

- Involved Teams Synalp and Multispeech.
- Topics Speech Recognition, Natural Language Processing
- Speech Toolkit CMU Sphinx













## **ORTOLANG Project**



### **Speech Synthesis Pipeline**

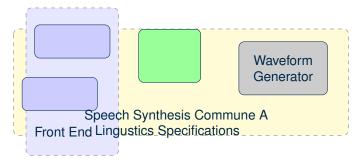


FIGURE: Schema Block of Feedback Correction System



# **My Master**