

Prosodic Prominence: Perceptual and Automatic Identification

Speech Prosody Satellite Workshop – May, 10th 2010

Doubletree Hotel Magnificent Mile – **Ohio Room**

Chicago, Illinois

08.00-08.30

Mathieu AVANZI^{1,2}, Anne LACHERET-DUJOUR² & Anne Catherine SIMON³

¹Neuchâtel, Switzerland; ²Paris Ouest Nanterre, France; ³Louvain-la-Neuve, Belgium

Opening session – Prosodic Prominence: An Overview

Session 1: Perceptual and Acoustic Correlates of Prosodic Prominence

08.30 – 9.00

Donna ERICKSON

Showa Music University, Kawasaki City, Japan

An Articulatory Account of Rhythm, Prominence and Phrasal Articulation

9.00-9.30

Denis ARNOLD¹, Petra WAGNER² & Bernd MÖBIUS¹

¹University of Bonn; ²University of Bielefeld, Germany

The Effect of Priming on the Correlations between Prominence Ratings and Acoustic Features

9.30-10.00

Gero KUNTER

Universität Siegen, Germany

Perception of Prominence Patterns in English Nominal Compounds

10.00-10.15

BREAK

Session 2: Automatic Processing

10.15-10.45

Mathieu AVANZI^{1,2}, Anne LACHERET-DUJOUR² & Bernard VICTORRI³

¹Neuchâtel, Switzerland; ²Paris Ouest Nanterre, France; ³Lattice, ENS, Paris, France

A Corpus-based Learning Method for Prominence Detection in Spontaneous Speech

10.45-11.15

Samer AL MOUBAYED, Gopal ANANTHAKRISHNAN & Laura ENFLO

Center for Speech Technology, KTH, Stockholm, Sweden

Automatic Prominence Classification in Swedish

11.15-11.45

Philippe MARTIN

Paris Diderot, France

Prominence Detection without Syllabic Segmentation

11.45-12.15

Giovanni ABETE, Francesco CUTUGNO, Bogdan LUDUSAN & Antonio ORIGLIA

University, Naples, Italy

Pitch Behavior Detection for Automatic Prominence Recognition

12.15-13.45

LUNCH

Session 3: Non-native Speakers and Language Acquisition

13.45-14.15

Andrew ROSENBERG¹ & Julia HIRSCHBERG²

¹Queens College and ²Columbia University, New York, USA

Production of English Prominence by Native Mandarin Chinese Speakers

14.15-14.45

Britta LINTFERT¹ & Bernd MÖBIUS²

¹University of Stuttgart; ² University of Bonn, Germany

Acquisition and Development of Syllabic Prominence in German Speaking Style

14.45-15.00

BREAK

Session 4: Inter-transcriber Consistency in Spontaneous Speech Corpora

15.00-15.30

Tae-Jin YOON

McMaster University, Canada

Speaker Consistency in the Realization of Prosodic Prominence in the Boston University Radio Speech Corpus

15.30-16.00

Mathieu AVANZI^{1,2}, Anne Catherine SIMON³, JEAN-PHILIPPE GOLDMAN^{3,4} & ANTOINE AUCLIN⁴

¹Neuchâtel, Switzerland; ²Paris Ouest Nanterre, France; ³Louvain-la-Neuve, Belgium, ⁴Genève, Switzerland

C-PROM. An annotated Corpus for French Prominence Studies

16.00-16.30

Massimo MONEGLIA¹, Tommaso RASO², Maryualê MALVESSI-MITTMANN², Heliana MELLO²

¹University of Florence, Italy; ²UFMG, Brazil

Challenging the Perceptual Relevance of Prosodic Breaks in Multilingual Spontaneous Speech Corpora: C-ORAL-BRASIL / C-ORAL-ROM

16.30-17.00

Mathieu AVANZI^{1,2}, Anne LACHERET-DUJOUR² & Anne Catherine SIMON³

¹Neuchâtel, Switzerland; ²Paris Ouest Nanterre, France; ³Louvain-la-Neuve, Belgium

Closing Session and Discussion