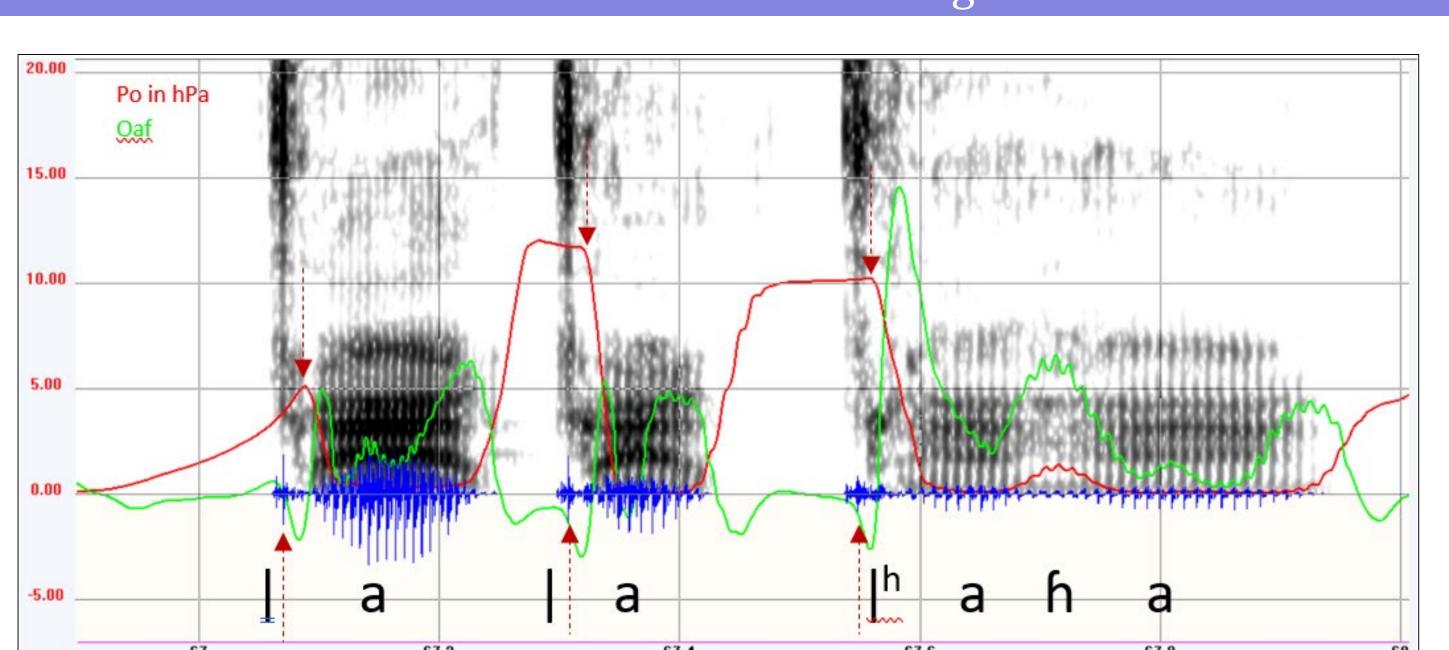




Development of experimental methods in African and South American languages sound systems

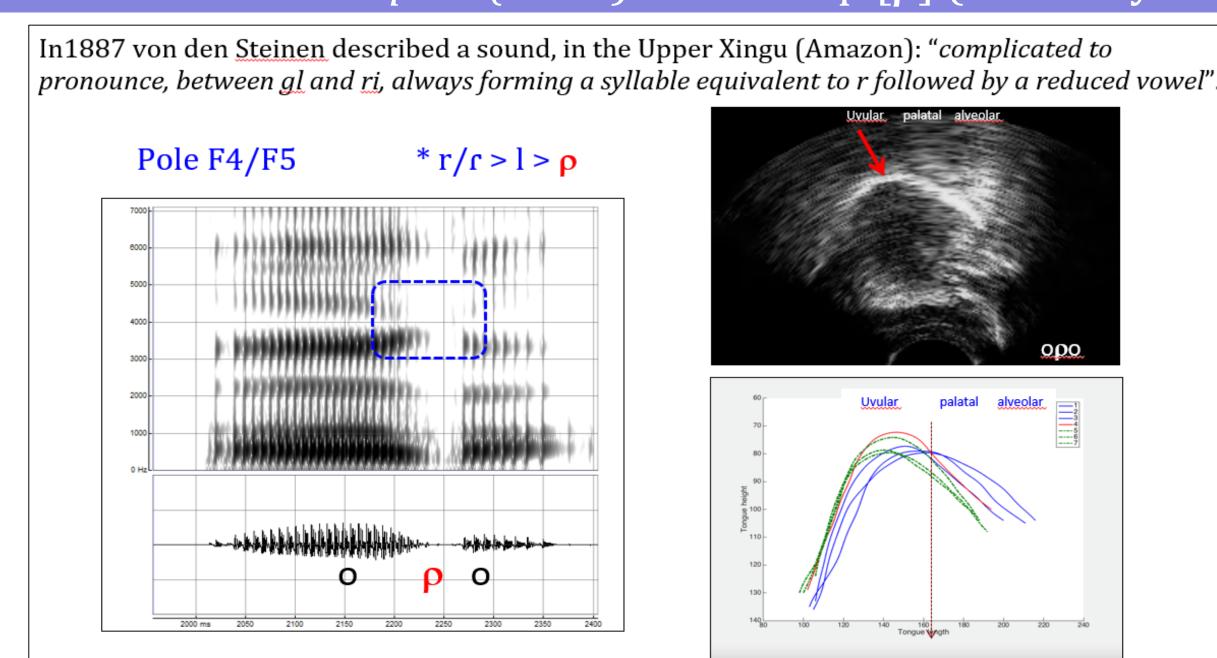
Didier Demolin

Hadza - Tanzania
Control of front and back closure timing releases in clicks



Aerodynamics Ultra sound

Kalapalo - Brasil 'New sounds' in *Kalapalo (Carib)* uvular tap [ρ] (no API symbol)



Namtrik - Colombia : Retroflex fricatives
Palatography & Ultra sound

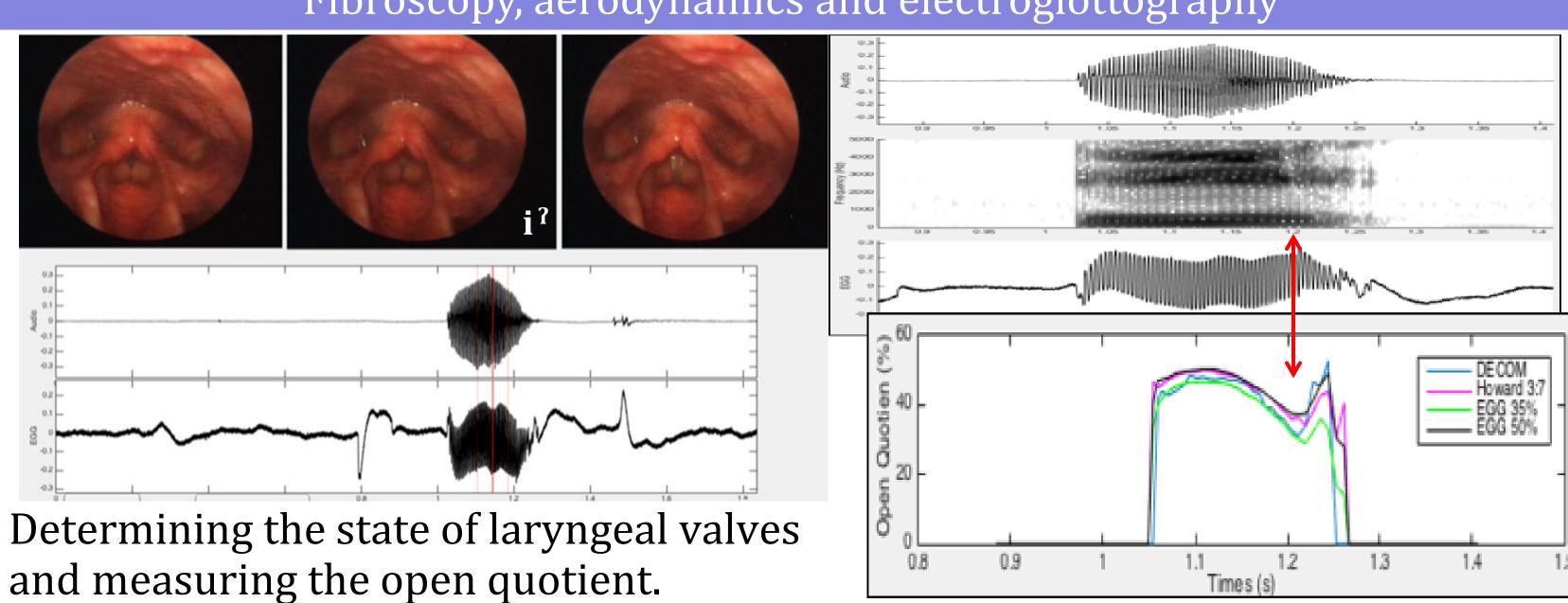


Tongue: Root Blade Apex

Sublingual cavity and low F3

Determining the place of articulation and the tongue shape

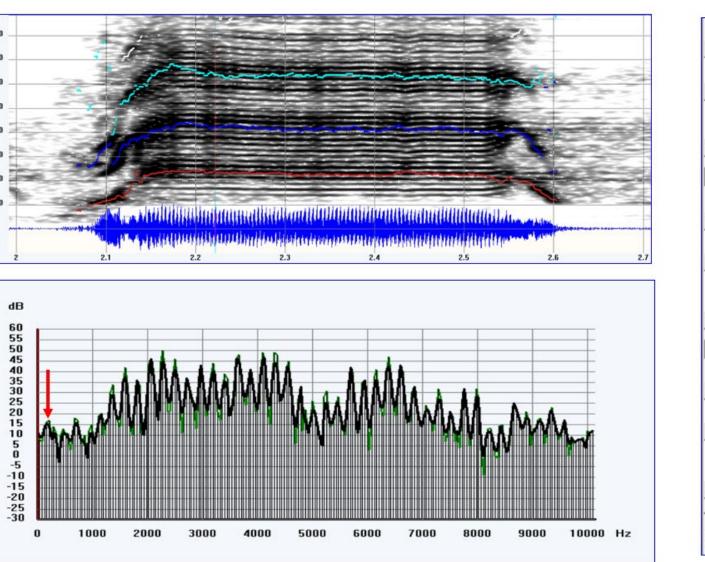
Nasa Yuwe - Colombia : Glottal vowels
Fibroscopy, aerodynamics and electroglottography

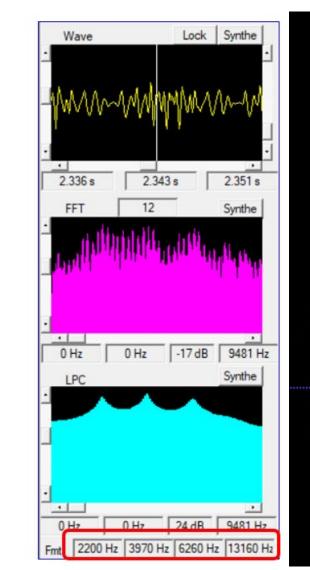


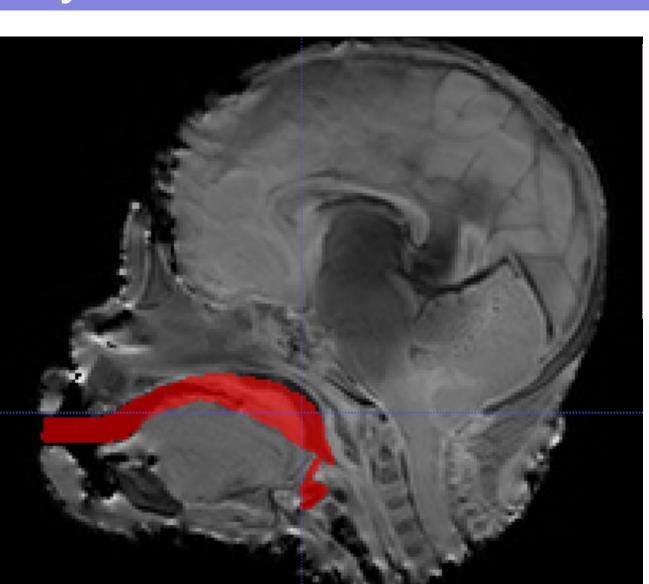
The evolution of speech and language: comparative aspects of primate vocalizations

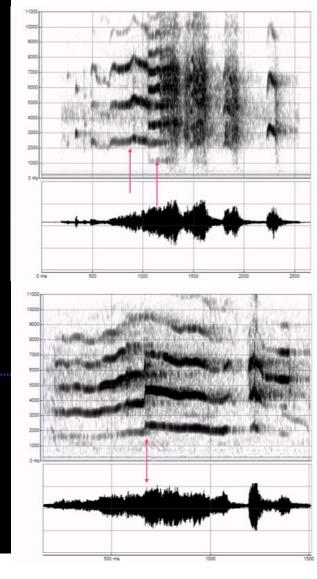
Bonobo vocalizations, their larynx and vocal tract features Explaining the double source: MRI, anatomy and 3D reconstruction

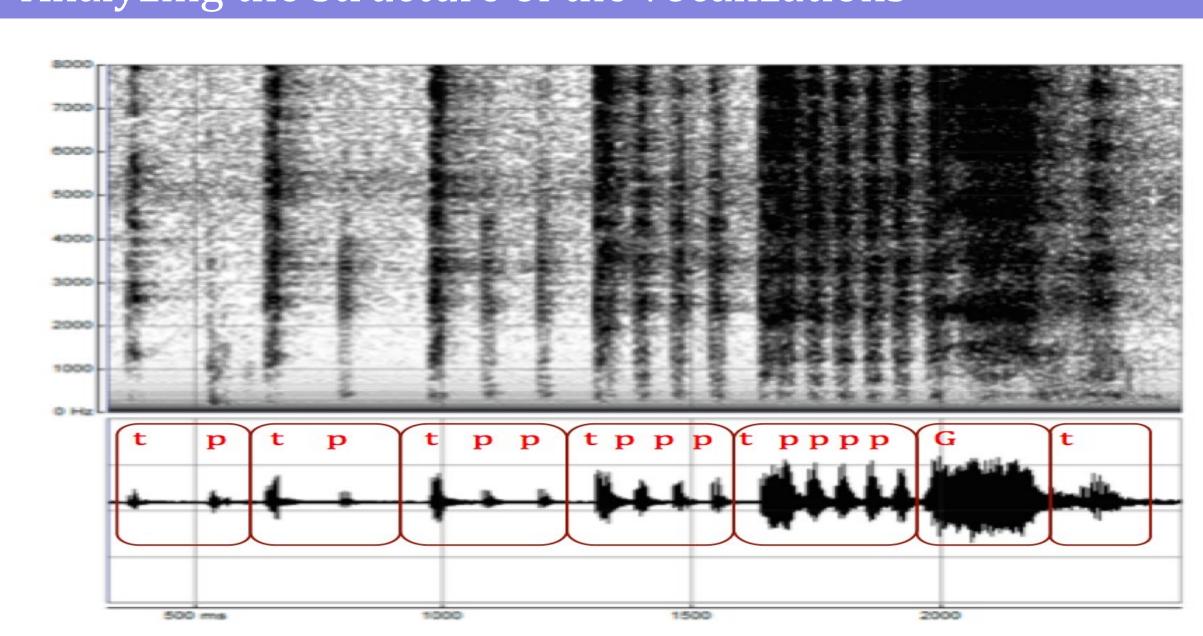
Muriqui: non linear-phenomena and acoustic features
Analyzing the structure of the vocalizations











Ethnomusicology: vocal polyphonies, musical scales and music acoustics

