

Researcher, PhD. Student (TCTS Lab - FPMs)
<http://tcts.fpms.ac.be/~dalessandro/>

Nicolas D'Alessandro holds an Electrical Engineering degree from the FPMs since 2004. He did his master's thesis in the Faculty of Music of the University of Montreal (supervisor: Caroline Traube). That work gathered the development of an application based on perceptual analogies between guitar sounds and voice sounds, and a study of mapping possibilities between gestures and speech production models.

He just started a PhD. thesis in the TCTS Lab of the FPMs (supervisor: Thierry Dutoit) related to the real-time control of NUU-based (Non Uniform Units) synthesizers. He is currently in charge of the MaxMBROLA project (<http://www.tcts.fpms.ac.be/synthesis/maxmbrola/>).

With 5 to 15 years of practice in topics like music theory, interpretation (guitar, piano, percussions, digital devices) and composition, he is particularly interested in interdisciplinary research topics in the domains of music and technology.