



Saturday 19th September 2020

3.00-3.45: **Dr Boris Kleber**

Psychologist & Assistant Professor at Center for Music in the Brain at Aarhus University (Denmark)

Voice Neurophysiology & MRI imaging

3.45-4.00: Q&A

4.00-4.15: Break

4.15-4.45: **Nicola Wydenbach**

Director of Sing To Beat Parkinson's, Soprano, Musical Director & Vocal Coach

Sing to Beat Parkinson's

Nicola will talk about why singing is important for people living with Parkinson's and how Sing to Beat Parkinson's is working to enable as many people living with Parkinson's to have the opportunity to sing locally.

4.45-5.00: Q&A

5.00-5.15: Break

5.15-5.45: **Dr Michel Belyk**

Post Doctoral Researcher, UCL

Evolutionary Neuroscience of Voice Motor Control

This presentation will describe human brain imaging research that has explored how the neural control of the larynx contributes to key abilities such as the vocal imitation, and how it may go awry in disorders of speech such as persistent developmental stuttering.

5.45-6.00: Q&A

Sunday 20th September 2020

3.00-3.30: **Dr Maryna Kryshchtopava**

ENT-Specialist, Surgical Oncologist and Assistant Professor.

Head of Otorhinolaryngology Dep. Vitebsk State Medical University, Belarus

**How the brain controls the voice in people with Muscle Tension
Dysphonia: fMRI studies. Brain reboot.**

3.30-3.45: Q&A

3.45- 4.00: Break

4.00-4.30: **Charlotte Davies**

Education and Tomatis Consultant, Director of Fit-2-Learn

The relationship between sound processing and the voice

What is sound processing?

How do we process sound and how is that connected to speech production?

Assessing sound processing

Strategies to change sound and voice production

4.30-4.45: Q&A

4.45-5.00: Break

5.00-5.50: **Heidi Moss**

Professor of Vocal Physiology, San Francisco Conservatory of Music

Singing training for the tonally compromised:

A practical exploration of capitalising on neuro-plasticity and alternative modalities for pitch-matching

The idea that 'everyone can sing' has been challenged by teachers who struggle with students that cannot easily match pitch. In truth, only a small percentage of the population (<4% Peretz 2003) are neurologically incapable of facile pitch perception. In addition, there are musicians who suffer from hearing loss and subsequent cochlear implantation that compromises their ability to process the music they once enjoyed. This talk will explore alternative protocols for pitch matching that utilize areas outside of traditional methods to imprint pitch recognition. These elements have been shown to gradually lock-in pitch matching in ways that can bring the joy of singing to these individuals. We will test some of the more immediate feedback elements in a master class format.

5.50-6.00: Q&A