



HELLENIC REPUBLIC
National and Kapodistrian
University of Athens



Workshop on the Analysis-Synthesis of the Singing Voice

14-15 December 2022



artwork : Elcanna Marinou

Amphitheater Drakopoulos, University of Athens
Main Building, Panepistimiou 30

Organised by :
the Laboratory of Music Acoustics and Technology, LabMAT
Music Department, NKUA

Supported by :
the ASMA Project (asma.music.uoa.gr)



H.F.R.I.
Hellenic Foundation for
Research & Innovation

Περισσότερες Πληροφορίες στο

<https://asma.music.uoa.gr>

Wednesday

14/12

9.30/ Welcome greetings

9.45/Prof. Johan Sundberg (KTH, Se) “*Timbre contributions and control of the glottal air flow, the raw material of the voice.*“

10.30/ Prof. Claudia Manfredi (UniFI, It) .“Study of the singing voice with objective techniques: its usefulness and limits.”

11.00/ Prof Graham Welch (UCL, UK). “Visual feedback Technologies for singing assistance (online)”

11.30/break

12.00/ Prof. Malte Kob (University of Vienna, AU). “Chances and limitations of acoustic voice analysis methods”

12.30/ Axel Roebel (IRCAM, Fr). “Deep Learning Algorithms for Analysis and Transformation of Singing Style”

13.00/ Prof Henrich Nathalie (GIPSA-lab, Grenoble, Fr) (online) “Source-filter interactions in singing”

13.30.-14.30 Round table: Current trends on the analysis/synthesis of the singing voice in vocal pedagogy

14.30. Light Buffet

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Thursday

15/12

9.30-10.30: Evidence based medicine in the care of the singing voice

Prof. Thanos Bibas (School of Medicine, NKUA)

Prof. Ilias Papathanassiou (Department of Speech and Language Therapy, University of Patras)

Eleftheria Iliadou (The Ear Institute, UCL)

10.30-11.00: Singing voice and AI

Prof. Vassilis Katsouros (ILSP, Athena Institute)

11.00/Break

11.30/Prof Anastasia Georgaki (NKUA): The ASMA Project for assisting vocal pedagogy in the classroom

12.00-13.00./ Areti Andreopoulou, Natalia Kotsani, George Dedousis: The ASMA toolkit box

13.00/ Jacob Steinhauer/Evangelos Angelakis/Sofia Stavropoulou- Teachers's Guidebook -
Aesthetics-Somatosensory Learning and Singing Cognition

13.45. ASMA Tools DEMONSTRATION & Discussion

14.30. Light Buffet

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