

# MUSIC FOR DEVELOPMENT & REHABILITATION

**Thursday 8th July 2021**  
Geneva, Switzerland  
Campus Biotech

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**Scientific sessions** for attendees

- Music and Voice in Early Care
- Music for Language and Cognitive Development
- Music for Rehabilitation

**All public**  
Show Cases - Music  
in Development

**Info** [EADCare.org](http://EADCare.org) / [Geneva2020@eadcare.org](mailto:Geneva2020@eadcare.org)



**UNIVERSITÉ  
DE GENÈVE**



Hôpitaux  
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University of Applied Sciences and Arts  
Western Switzerland



# MUSIC, DEVELOPMENT AND REHABILITATION

## MUSIQUE, DÉVELOPPEMENT ET RÉHABILITATION

**Thursday, 8th July 2021** - Campus Biotech, Geneva

The effects of music training, entrainment and experience on brain and behavior are well known. Less known is how musical experience impacts brain plasticity in sensitive periods. The human brain is shaped by experience: what kind of musical experience is most suited at a particular developmental stage? What role does emotion play in the effects of musical activity?

We are particularly sensitive to sensory exposure early in life, in adolescence and during rehabilitation, also in old age.

What stage of development is optimal for a musical intervention or training? What are the neural mechanisms through which music and related activities act?

The aim of our symposium is to illustrate evidence-based cutting-edge research in three main domains: 1) Early Care, 2) Human Cognitive Development and, more generally, 3) Rehabilitation. Experts in these three domains will lead the symposium and respond to all participants' questions. A number of Music Showcases will conclude the symposium.

### **Scientific and organizational committee**

*Representative of Institutions:* Petra Hüppi, Geneva University Hospitals (HUG); Silvia Delbianco, Dalcroze Institut; Didier Grandjean, Swiss center of Affective Sciences (CISA), University of Geneva (UNIGE); Clara James, University of Applied Sciences and Arts Western (HES-SO), Switzerland

*Other members:* Cristina Borradori-Tolsa, Manuela Filippa, Myrtha Martinet, Stéphane Sizonenko.

# PROGRAM

Welcome – Representatives of Institutions – 8h45-9h

## **Music and Voice in Early Care**

Moderator: Petra Hüppi

- 09h00 *Music for young ears: results and future perspectives* – Petra Hüppi, UNIGE<sup>1</sup>, HUG<sup>2</sup>, Switzerland
- 09h30 *Sounding Together: Creative Music Therapy for preterm infants* – Cornelia Hagmann, Friederike Haslbeck, Children's University Hospital of Zurich, Switzerland
- 10h00 *Emotional Prosody: bridging the gap between music, language and emotions* – Didier Grandjean, UNIGE, Switzerland
- 10h30 *Early Vocal Contact in the Neonatal Intensive Care Unit: a new perspective for protective interventions* – Manuela Filippa, UNIGE, Switzerland

Coffee & music break – 11h-11h30

## **Music for Language and Cognitive Development**

Moderator : Didier Grandjean

- 11h30 *Music, language & prediction: new insights into linguistic and cognitive impairment* – Daniele Schön, Institut de Neurosciences des Systèmes, Marseille
- 12h00 *Neural basis of early language experiences* – Anne-Lise Giraud, NCCR Language, UNIGE, Switzerland
- 12h30 *Shared musical experiences: the impact of music community practice on interpersonal competences* – Donald Glowinski, UNIGE, Switzerland; Frédéric Bevilacqua, IRCAM, Paris
- 13h00 *Community music: stories of cooperation and relatedness in human kinship* – Helena Rodrigues, Universidade NOVA de Lisboa & Paulo Maria Rodrigues, Universidade de Aveiro

# PROGRAM

Lunch Break – 13h30-14h30

## **Music for rehabilitation**

Moderator: Clara James

- 14h30      *Countervail age-related cognitive and cerebral decline through music interventions* – Clara James, University of Applied Sciences and Arts Western (HES-SO), Switzerland
- 15h00      *The power of musical exposure as a rehabilitation tool* – Natalia Fernandez Clares, University of Zurich, Switzerland
- 15h30      *Musical activities in neurorehabilitation: a neuropsychological perspective* – Wiebke Trost, Reha Rheinfelden, Rheinfelden, Switzerland

Conclusion of the symposium – 16h-16h15

General assembly EADCare – 16h15-16h30

## **Music showcases in development** (open to all) – 17h-19h

*Introduction to show cases : Musical Brains for All* – Petra Hüppi, Clara James, Didier Grandjean

- *Music for infants & children* – Andreas Vollenweider
- *Voice for infants & children: Opera for babies and toddlers* – Ela Zingerevich, M. Mus, AMOFYA (Art Music and Opera for Young Age)
- *La musique comme support de la relation psychomotrice chez l'enfant en situation de polyhandicap* – Francisco Casot, Fondation Clair Bois, Genève
- *Intermède musical d'anciens grands prématurés* – Soel et Orlan Kakulya
- *Music in the life of premature infants* – Ariadne & Berenice Maier

Drinks & music – Olivier Grimm, piano



## Campus Biotech:

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### Transports

- Bus 1, 11 and 25, stop Jardin Botanique
- Tram 15, stop Maison de la Paix
- Train CFF and CEVA, stop Sécheron
- Mouette 4, stop De-Chateaubriand

