

# 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) / [Geneva2021@eadcare.org](mailto:Geneva2021@eadcare.org)



**UNIVERSITÉ  
DE GENÈVE**



Hôpitaux  
Universitaires  
Genève

h e e d s

Haute école de santé  
Genève  
Institut de Recherche

**Hes-so**  
Haute Ecole Spécialisée  
de Suisse occidentale  
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 – 8h45-9h15**

Benoît Dubuis, Director Fondation Campus Biotech

Philippe Dinkel, Director Haute école de musique de Genève

Petra Hüppi, Vice-Dean Faculty of Medicine, University of Geneva

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

Moderator: Petra Hüppi

09h15 *Music for young ears: results and future perspectives* – Petra Hüppi, UNIGE<sup>1</sup>, HUG<sup>2</sup>, Switzerland

09h45 *Sounding Together: Creative Music Therapy for preterm infants* – Cornelia Hagmann, Friederike Haslbeck, Children's University Hospital of Zurich, Switzerland

10h15 *Emotional Prosody: bridging the gap between music, language and emotions* – Didier Grandjean, UNIGE, Switzerland

10h45 *Early Vocal Contact in the Neonatal Intensive Care Unit: a new perspective for protective interventions* – Manuela Filippa, UNIGE, Switzerland

Coffee & music break – 11h15-11h30

## **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

12h10 *Shared musical experiences: the impact of music community practice on interpersonal competences* – Donald Glowinski, UNIGE, Switzerland; Frédéric Bevilacqua, IRCAM, Paris

12h50 *Community music: stories of cooperation and relatedness in human kinship* – Helena Rodrigues, Universidade NOVA de Lisboa

<sup>1</sup> University of Geneva; <sup>2</sup> Geneva University Hospitals

# PROGRAM

Lunch Break – 13h15-14h15

## **Music for rehabilitation**

Moderator: Clara James

- 14h15      *Countervail age-related cognitive and cerebral decline through music interventions* – Clara James, University of Applied Sciences and Arts Western (HES-SO), Switzerland
- 15h00      *Musical activities to support neurological rehabilitation in stroke patients* – Eckart Altenmüller, University of Music, Drama and Media, Hannover, Germany
- 15h30      *Can a singing intervention slow down brain ageing in Alzheimer's disease?* – Stefan Koelsch, Institute for Biological and Medical Psychology, University of Bergen, Bergen, Norway

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 and Imagination* – 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
- *Music in the life of premature infants* – Ariadne & Berenice Maier
- *Intermède musical d'anciens grands prématurés* – Soel, Orlan et Elouan Kakulya

Drinks & music – Olivier Grimm, piano

# ACCESS

## Campus Biotech

9 Chemin des Mines  
1202 Genève  
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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

