

Provisional programme

International conference on Sensory issues and Disability



Touch to learn,
touch to communicate

17th to 19th March, 2016



Cité des Sciences et de l'Industrie Paris France

A Universcience
& INS HEA partnership

universcience





8:15 Welcome

9:00 Auditorium: Greetings and opening of the conference

José Puig, head of INS HEA
Bruno Maquart, head of Universcience
Nathalie Lewi-Dumont, INS HEA-Grhapes, head of the conference's scientific committee

9:50 Auditorium: lecture 1

Vincent Hayward (UPMC Sorbonne University, Paris/CNRS)
The physical basis of touch and its implications for perception

10:40 Break

11:00 Auditorium : Plenary session 1

Understanding touch and sensory supplementations

- Gabriel Arnold and Malika Auvray (UPMC Sorbonne University, Paris/CNRS)
Improving the design of sensory substitution devices and their use by people with visual impairments
- Aurélie Vallée eandt Katia Rovira, (Rouen Normandy University)
Interaction and collaboration through a visuo-tactile supplementation device
- Christophe Jouffrais (CNRS / Toulouse University)
Accessible interactive graphics for visually impaired users

12:00 Questions from the floor and announcement of today's posters

12:30 Free lunch

12:30 Fab Lab: 3 possible tours (places are limited)

13:30 Carrefour numérique : poster session #1

15:30 Round tables, in parallel:

Round table 1 – Auditorium

Touch for students with disabilities,
and for others
(touch and inclusive practices)

- Marie Potapushkina-Delfosse (Versailles educational district / university of Nantes)
Learning languages through pictorial and gestured touch in primary school
- Valérie Barry (Paris Est University)
The influence of sensory experience on scientific learning in kindergarten, among regular pupils and children with cognitive or mobility disabilities
- Claire Tibbets (Visual Impairment Service, Northamptonshire, UK)
Touch for all? An analysis of using active touch to enhance learning in the primary classroom
- Gabrielle Sauvillers (Paris educational district)
Using a sensory approach of pictures in "whole class" settings

Round table 2 – Carrefour Numérique, Agora room

Touch, multi-modal approaches
and communication

- David Vaidis (Paris Descartes University) and Séverine Halimi-Falcowicz (Aix-Marseille University)
"If I touch you, I have an influence on you": how requesters perceive the effect of touch
- Michèle Rouge (Royal Institute for deaf and blind people, Brussels, Belgium)
The "I am" session – how to stimulate body image and sheath for visually-impaired children with multiple disabilities
- Mylène Hardy (Sciences Po, DAIE)
Mother-baby co-construction of communication competence through haptics
- Martine Janner Raimondi (University of Rouen Normandy)
Empathy as "letting oneself be touched" in learning relationships

17:15 Auditorium: lecture 2

Bertrand Verine (Paul Valéry University, Montpellier)
Tactile vocabulary exists: I have heard it

18:00 Cocktail



Friday, 18th March 2016



8:45 Introduction
and announcement of today's posters

9:00 **Auditorium:** lecture 3
Édouard Gentaz (University of Geneva, Switzerland)
Learning through multi-sensory exploration

9:45 Round tables, in parallel

Round table 3 – Auditorium

Auditorium: From touch disruption to the almost exclusive use of touch in various situations

- Professor Dominique Le Nen (Brest regional hospital)
Touch and the injured hand
- Anne-Cécile Mouget (University of Caen Normandy)
*Sexual pleasure without genital sensation.
Compensating impaired sensitivity due to spinal injury
in sexual activity*
- Franck Berteau (Cresam, Poitiers)
Tactile communication and congenital deafblindness
- Riitta Lahtinen and Russ Palmer
(University of Helsinki, Finland)
*Haptics, touch messages, sharing environmental
information*

Round table 4 – Carrefour numérique, , Agora Room Reading tactile pictures and raised line drawings

- Fabio Levi and Rocco Rolli (University of Torino, Italy)
*Relief drawing: an essential medium for visually
impaired people*
- Florence Janin (Nantes educational district / University
of Nantes)
*Didactic analysis of a teaching-and-learning situation
reading tactile pictures*
- Oriana Orlandi (University of Burgundy)
*Understanding tactile pictures among children with
visual impairment: the role of sensorial experience*
- Anne Chotin (INS HEA)
Challenges and limits of raised line drawings

11:15 **Carrefour numérique:** poster session 2

12:30 **Fab Lab:** 3 possible tours (places are limited)

12:30 Free lunch

13:30 **Auditorium :** Plenary session 2
Learning and teaching Braille

- Torø Graven (University of Oxford, UK / University of Oslo, Norway)
Discrimination strategies for braille
- Mira Tzvetkova-Arsova (University of Sofia, Bulgaria)
*Assessment of tactile discrimination skills of blind students of primary school age
admitted in special schools for visually impaired*
- Natalie Martiniello (University of Montreal, Canada)
The Use of Technology to Enhance Tactual Learning: A study of braille teaching professionals

14:35 Questions from the floor

15:15 Break

15:30 **Auditorium:** Plenary session 3
Adapting museums, and access to Art

- Aldo Grassini (Omero tactile museum, Italy)
Looking for an aesthetics of touch
- Marie-Pierre Warnault and Anne Ruelland (Cité de l'Architecture et du Patrimoine, Paris)
Understanding a work of architecture through touch
- Laura Solaro (Louvre museum, Paris)
The Louvre museum's tactile gallery –insights into innovative educational activities
- Delphine Demont (Acajou dance company)
Opening up to yourself through touch: dancing

16:50 Questions from the floor

17:20 Closing of the conference

