

Tuesday 4th July 2023

8:15	9:00	Pick-up badges, coffee & croissants	
9:00	9:15	Welcome	
9:15	10:00	Plenary: Sliman Bensmaia <i>Biological and Bionic Hands: Natural Neural Coding and Artificial Perception</i>	
10:00	10:20	Short oral presentations #1	
		Alexandre Tolboom, et al	<i>Probing temporal rules for artificial tactile feedback in a sensory-motor brain-machine interface</i>
		Solaiman Shokur, et al	<i>Restoration of thermal sensation in upper limb amputees</i>
10:20	10:40	Break	
10:40	12:00	Session 1: Illusions & prosthetics	
		Calogero Oddo	<i>Recovering touch through biomimetic prosthetics</i>
		Nick Holmes	<i>The use of TMS centrally and peripherally to interfere with basic aspects of touch</i>
		Laura Crucianelli	<i>Touch and temperature illusion with the rubber hand</i>
		Chris Dijkerman	<i>Touch time: The effect of a finger length illusion on tactile temporal-order judgments</i>
12:00	14:00	Lunch, posters, demos	
14:00	15:00	Short oral presentations #2	
		Alessandro Valenza, et al	<i>Body mapping of skin wetness sensitivity in children, younger, and older adults</i>
		Ivan Ezquerro-Romano, Patrick Haggard	<i>Touch inhibits cold: non-contact cooling reveals a thermotactile gating mechanism</i>
		Luigi Tamè, et al	<i>Tactile coding on the fingers and toes: insights from double simultaneous stimulation across limbs</i>
		Marella Campagna, Rebecca Chamberlain	<i>Invited to touch: how tactile expertise and personality traits influence the aesthetic appraisal of visually presented tactile materials</i>
		Müge Cavdan, Knut Drewing	<i>To touch or not to touch: An investigation of material discomfort</i>
		Judith Weda, et al	<i>Emotional experience of texture and dynamic touch qualities</i>
15:00	15:45	Plenary: Davide Filingeri <i>Wet, damp, moist, humid...what do we really feel? Thermo-tactile interactions in skin wetness sensing</i>	
15:45	16:00	Break	
16:00	17:45	Session 2: Wetness, slip, and texture	
		Rochelle Ackerley	<i>The perception of drops of water in humans</i>
		Roland Bennewitz	<i>Tactile perception of finger pad friction</i>
		Mariama Dione	<i>The encoding of touch during active exploration of natural textures</i>
		Benoit Delhayé	<i>Mechanisms in fingertip slip</i>
Gustavo Luengo	<i>Tribological and Physico-chemical aspects that drive tactile perception of hair/skin in cosmetics</i>		

Wednesday 5th July 2023

8:30	9:00	Coffee & croissants	
9:00	10:00	Session 3: Tactile interactions and social touch	
		Malika Auvray	<i>Social touch at a distance: Recognizing tactile gestures and their emotional content through auditory signals</i>
		Katerina Fotopolou	<i>Not the Protagonist of my Own Life: Touch, the Body and Anorexia Nervosa</i>
		Konstantina Kilteni	<i>Self-touch versus externally generated touch: the influence of motor prediction on somatosensory perception</i>
10:00	10:30	Short oral presentations #3	
		Louise Kirsch	<i>Impacts of interindividual differences on the perception of social touch</i>
		Adam Enmalm, et al	<i>Body perception & social touch preferences in times of grief</i>
		Valentina Cazzato, et al	<i>A multi-component visual and C-tactile mediated assessment of body image disturbances</i>
10:30	10:55	Methods focus: microneurography in humans, Roger Watkins	
10:55	11:15	Break	
11:15	12:00	Plenary: Rochelle Ackerley <i>IASAT presidential lecture: The story of C-tactile (CT) afferents and their role in affective touch</i>	
12:00	14:00	Lunch, posters, demos	
14:00	15:00	Short oral presentations #4	
		Steve Middleton, et al	<i>Nav1.7 is required for normal C-Low threshold mechanoreceptor function</i>
		Manon Bohic, et al	<i>Spinal cord oxytocin circuits modulate pain responses by engaging circuits of affective touch</i>
		Kuo Sheng Lee, et al	<i>Transformation of neural coding for vibrotactile stimuli along the ascending somatosensory pathway</i>
		Anton Dogadov, et al	<i>Voluntary control of cortical waves in primary somatosensory cortex</i>
		Michelle Giraud, et al	<i>The role of the somatosensory system in the generation and perception of emotions: a transcranial alternated stimulation (tACS) study</i>
		Jean-Marc Aimonetti, et al	<i>Changes in touch with body site, aging, and skin hydration</i>
15:00	15:45	Plenary: Gary Lewin <i>Touch is really skin deep: cellular and molecular mechanisms of sensory mechanotransduction</i>	
15:45	16:00	Break	
16:00	17:30	Session 4: Traversing the periphery: 1st order neurons	
		Amaury Francois	<i>In search of the neuronal basis of social and affective touch (in mice)</i>
		Slav Bagriantsev	<i>Three-dimensional architecture and bi-cellular mechanism of touch detection in Meissner corpuscle</i>
		Andreas Themistocleous	<i>Understanding the link between neuropathic pain & neuronal injury after nerve injury</i>
		Saad Nagi	<i>PIEZO2-dependent rapid pain system in humans</i>

Thursday 6th July 2023

8:30	9:00	Coffee & croissants	
9:00	9:45	Plenary: Ingvars Birznieks <i>Sense of touch and movement go hand in hand</i>	
9:45	10:05	Short oral presentations #5	
		Sophie Du Bois de Dunilac, et al	<i>Imaging skin deformation during pincer grasp</i>
		Rebecca Friesen	<i>Turning vibrations into textures: Texture rendering and causality for low bandwidth vibrotactile displays</i>
10:05	10:20	Break	
10:20	12:00	Session 5: Skin mechanics	
		Cornelius Schwarz	<i>The Slip hypothesis: Temporally Local Coding and Perception of Tactile Stimuli in Rodents and Humans</i>
		Victor Infante	<i>Influence of skin physiology on friction and perception in touch</i>
		Hannes Saal	<i>Deformation of individual fingerprint ridges during tactile interactions</i>
		Neeli Tummala	<i>Biomechanical filtering diversifies whole-hand tactile encoding</i>
		Sarah McIntyre	<i>From skin to social nervous system: primary afferent responses to human touch</i>
12:00	14:00	Lunch, posters, demos	
14:00	15:40	Session 6: Affective touch: more than skin stroking	
		Annett Schirmer	<i>EEG insights into the somatosensory processing of affective touch</i>
		Uta Sailer	<i>Positive and negative emotional impact in touch interactions</i>
		Anna Ciaunica*	<i>The First Senses - touch and in utero experiences</i>
		Martine Van Puyvelde	<i>When parent-infant research becomes a festival of touch: the importance of the infant's ecological context</i>
		Laura Case*	<i>Affective Deep Pressure: Neural Mechanisms and Effects on Chronic Pain</i>
15:40	16:00	Break	
16:00	16:30	Short oral presentations #6	
		Eva Dydenkova, et al	<i>The attitude of parents to parent-child touch: barriers of tactile contact with children with special needs</i>
		Bruno Müller-Oerlinghausen, Michael Eggart	<i>The antidepressive efficacy of affective-touch-based massage therapy: Findings from controlled studies</i>
		Yvonne Friedrich, et al	<i>Response to CT-fiber targeted stimulation in preterm children</i>
16:30	17:15	Plenary: India Morrison <i>The neuroscience of human social touch</i>	
19:30	00:00	Gala dinner	

*via pre-recorded video, available after for questions

Festival of Touch: Joint meeting of [Research in Touch](#) and [IASAT](#)

Friday 7th July 2023

8:30	9:00	Coffee & croissants	
9:00	9:45	Plenary: Francis McGlone <i>Tribute to Tiffany Field (no longer able to present), Touch and neuroprotection: A putative contribution by C-LTMRs</i>	
9:45	10:40	Short oral presentations #7	
		Merle Fairhurst, Irene Valori	<i>A functional framework for multisensory and interactive mediated social touch experiences</i>
		Dasha Kolesnyk, et al	<i>Towards consensual and non-intrusive mediated social touch</i>
		Julian Packheiser, et al	<i>The physical and mental health benefits of affective touch: A comparative systematic review and multivariate meta-analysis</i>
		Mattheiu Boulat	<i>Report on of 20 years' experience in osteopathy, a touch-based therapy commonly used to treat musculoskeletal pain and functional anxiety-related disorders</i>
		Larissa Meijer, et al	<i>Affective touch reduces immediate chronic pain experience in Parkinson's Disease: A longitudinal intervention study</i>
10:40	11:00	Break	
11:00	12:00	Session 7: Affective touch and disorders	
		Leehe Peled-Avron	<i>The effects of psilocybin ('magic mushrooms') on social touch perception in individuals with resistant major depressive disorder</i>
		Mariana Von Mohr	<i>The Social Buffering of Pain by Affective Touch</i>
		Paula Salamone	<i>Self- and other-produced affective touch after Ketamine: a double-blind placebo-controlled study</i>
12:00	12:15	Close of meeting	

Festival of Touch

4-7 July 2023, St Charles campus Aix-Marseille University, Marseille, France

Website: <https://touch2023.sciencesconf.org/>

Contact: touch2023@sciencesconf.org

A joint meeting of:



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IASAT
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the Study of Affective Touch

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