

SAMUSE Symposium

Sponsorisé par : Université du Luxembourg

	26th of January, 2026	27th of January, 2026
TIME	Black Box - Maison des Sciences Humaines (MSH)	Black Box - Maison des Sciences Humaines (MSH)2
9:00-9:30	Welcome	Welcome
9:30 - 10:30	Keynote Speaker: Saravanakumar Duraisamy Shining Light on the Musical Mind: Exploring Brain Activity in Real Performance with functional Near-Infrared Spectroscopy (fNIRS)	Keynote Speaker: George Waddell Decoding Performance: Capturing, Analysing, Evaluating, and Enhancing Performance in Live and Simulated Environments
10:30 - 10:40	Pause	Pause
10:40 - 11:10	PhD Talk: David Perpetuini Psychophysiological Monitoring of Music Performance Anxiety and Cognitive Load through Thermography and functional Near-Infrared Spectroscopy (fNIRS)	PhD Talk: Davide Lionetti SynchMuse: a novel paradigm to study embodied coordination in musical ensembles using virtual avatars
11:10 - 11:20	Pause	Pause
11:20 -12:20	Keynote Speaker: Giacomo Novembre Methodological challenges and innovations in the neuroscience of music, dance and social interaction.	Keynote Speaker: Inès Chihi When Sensors Learn to Fix Themselves for an AI Beyond Listening
12:30 - 13:30	Lunch	Pause

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13:30 - 14:00	PhD Talk: Sara Fernández Abalde On the role of ancillary body movements in interpersonal synchronization during joint music making.	PhD Talk: Cobi Ashkenazi Beyond tension and relaxation: Optimizing antagonistic muscular co-contraction (AMCC) for skilled, healthy piano technique
14:00 - 14:10	Pause	Pause
14:10 - 15:10	Keynote Speaker: Ernest Kamavuako Making Sense of Sensors: Methodological Considerations in Biomechanical and Physiological Sensor Fusion	Keynote Speaker: Laura Bishop Capturing bodily expressivity and coordination in classical ensemble playing using eye-tracking.
15:10 - 15:20	Pause	Pause
15:20 - 15:50	PhD Talk: Pedro Palhares A musical exploration of consciousness: Mind wandering, creativity, and brain dynamics	PhD Talk: Ivan Pilkov Investigating human learning and control in piano performances.
15:50 - 16:00	Pause	Pause
16:00 - 16:30	PhD Talk: Laura Serra Marin Embodiment indicators of music expertise: psychophysiological and biomechanical markers of music skill acquisition.	PhD Talk: Canan Gener Enacting Social Intention in Ensemble Performance: A Multimodal Framework for Analyzing Embodied Co-regulation.
16:30 - 16:45	Pause	Pause

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16:45 - 18:00	Round Table: moderated by Laura Serra Marin Discussion, closing remarks, and networking.	Networking