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multi-timescale sensitive movement technologies

## Project goal

Enabling technologies for automated prediction and analysis of human movement qualities, entrainment, non-verbal full-body social emotions.

Foundation and consolidation of a radically new motion analysis technology.

## How?

Analysis grounded on novel neuroscientific, biomechanical, psychological, and computational evidence.

Dynamically adapted to the human time.

Towards time-adaptive technologies operating at multiple time scales in a multi-layered approach.

## **Impact**

A novel generation of motion capture technologies.

Creative and Cultural Industry.

Health, Sport, Well-Being.

Emergence of an innovation ecosystem around a future technology.

Performing Arts, Cultural Heritage, Education, Entertainment.

Consortium: University of Genoa, DIBRIS, Casa Paganini-InfoMus, Italy (Coordinator) University of Montpellier, EuroMov, France **Royal Institute** of Technology-KTH, Sweden Visual Business Consultants,

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