

# IMCL Special Session

## Call for Papers

### Digital Technology in Sports Digital Technology in Sports (DiTeS)

#### Overview

Sports play a vital role in our lives. Mobile technology, Smartphone or wearables are examples of Digital Technology products that improve the way that we made sports as well as enhance sports education. Artificial Intelligence is increasingly contributing to sports through applications in performance analytics, injury prediction, personalized coaching, and real-time decision-making tools.

This special session offers the opportunity to present recent results concerning the design, development, implementation and deployment of digital technology in different areas relating to sport and physical activity. It will act as a forum for education and knowledge transfer, between various organizations and actors in and outside sport.

#### Topics

The special session aims to support education, research and innovation on sport, health and well-being according to EU strategy and with focus on digital technology in sports and especially in:

- Exploiting technology for promoting sports.
- Using technology for promoting physical activity and healthy lifestyles.
- Deploying digital technology for supporting health and sport facilities and making them more attractive for people.
- Using online education, digital communities and tools for supporting combat doping; raising awareness among stakeholders involved in the fight against match fixing; supporting prevention, educational and innovative approaches to tackle violence, racism and intolerance in sport.
- Exploiting digital and mobile technology for supporting EU Physical Activity Guidelines.
- Using online education and digital tools for supporting Dual Careers of Athletes.
- Applying Artificial Intelligence for performance analytics, injury prevention, personalized training, and decision-making in sports environments.

#### Program Committee

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