

WG5

Smart Textiles in Sports and Wearables

Working Group Meeting
29th January 2020, Ljubljana / Slovenia



Topics this meeting

Update and explanation of latest actions WG5 by leader of the WG:

- WG5 had a workshop at the ITech summit in April 2019, and a workgroup meeting at the 17th National 3rd International symposium on recent progress in textile technology and chemistry, November 20-22, 2019 Bursa Turkey, and a workgroup meeting will be at AUTEX in Portugal June 2020 (note: because of the COVID-19 situation this will be later).
- The state of art report on smart textiles and wearables is in fact ready, some final formatting issues is what still has to be done.
- Proposed to increase interaction between participants and competences
- The co-chair today is replaced

- Presentation by young researchers is intended in the future but needs to be agreed by management team
- Conclusion of previous meetings in Bursa:
 - Unique selling point of smart textiles in comparison to wearables
 - Focus on e.g. comfort, fit, strength, large areas etc....

It was mentioned that:

- Wearables can be developed within 6 month and ready to the market but...
- Focus on textile based is a problem
- Incorporating the properties is difficult

At the current meeting, an inventory has been made about existing expertise, infrastructure and challenges in order to facilitate collaboration and research and innovation initiatives from the participants. Ordering the applications by the benefits of textiles (compared to wearables) in the 3 domains of “large area”, “comfort” “mechanical advantage”.