

## **Kinemata**

motion memory enhanced

by Jana Pejoska Learning Environments research group

http://kinemata.info/ http://legroup.aalto.fi/ Aalto University, Helsinki 2016







- About me
- Wearable projects at Aalto University
- Kinemata
  - Background and motivation
  - Wearables at Aalto University
  - Technical overview
  - Research and findings
  - Future steps
- Q & A



#### LeGroup, MediaLab,

@ the school of Art, design and architecture, Aalto University, Finland

**8 researchers** with backgrounds in: ICT, robotics, education, pedagogy interaction design, serious gaming, app development

#### **JANA PEJOSKA**

- PhD candidate AR and Wearables in the context of learning
- MA Digital culture, University on Jyväskylä, Finland
- Serious / learning games designer

# Aalto University School of Art and Design

#### Wearables@Aalto





**FEELER – Eva Durall 2015** 





## feeler

# How you feel affects how you learn

Uncover your mind with Feeler and find out when you are attentive and relaxed

#### Review

Your activity

# Wearables@Aalto FEELER - Eva Durall 2015





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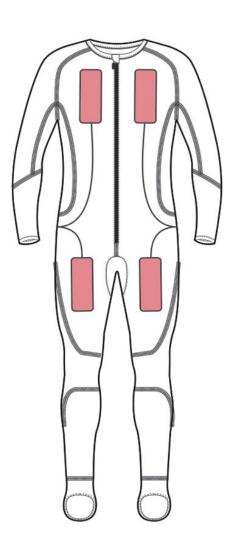


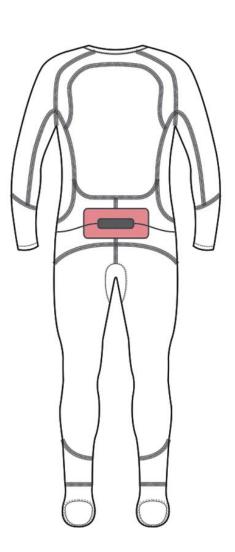
**BRAINWISE – Metti Nordin and Valtteri Wikström 2011** 

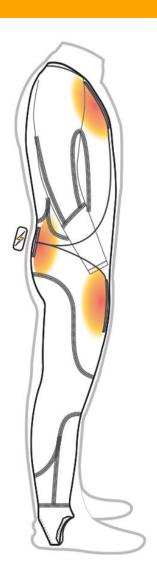




**AVANTO - Aino Aarnio-Juurinen** and Visa Kupias 2014







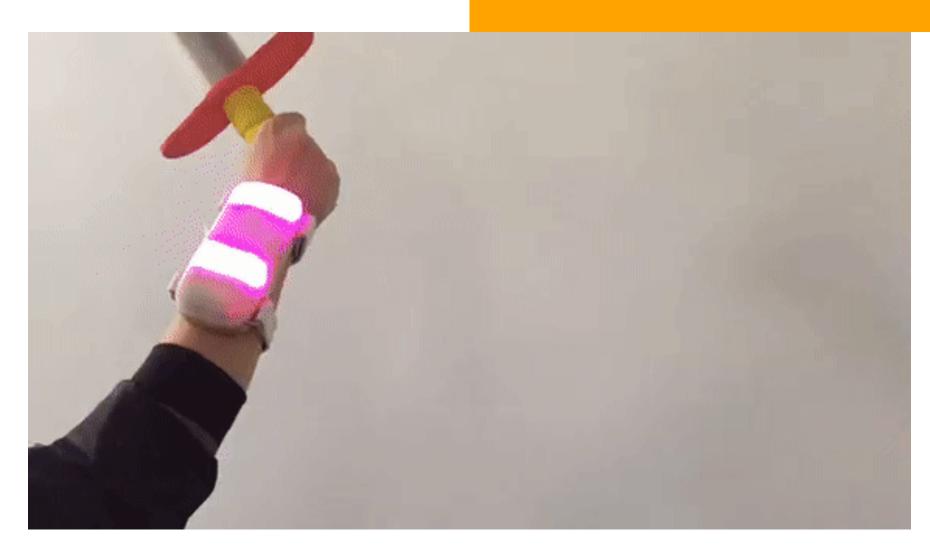




**HONEST SHOES - YounJung Kwak** and Tiia Suomalainen 2014



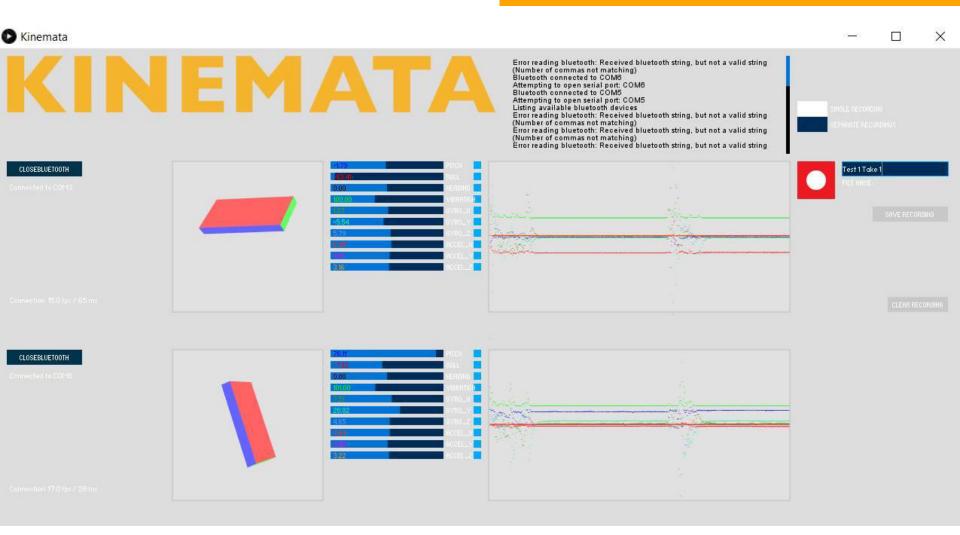














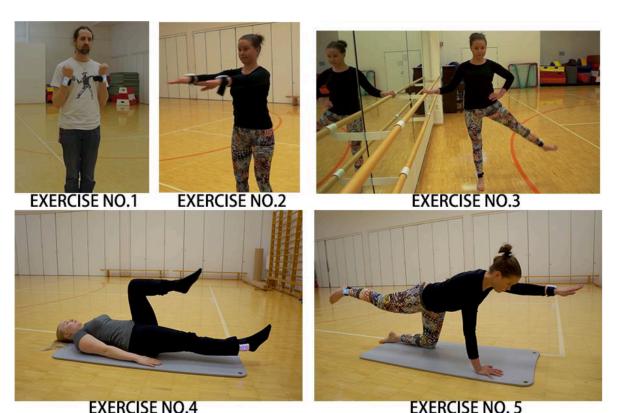


Figure 4. Physical therapy exercises.

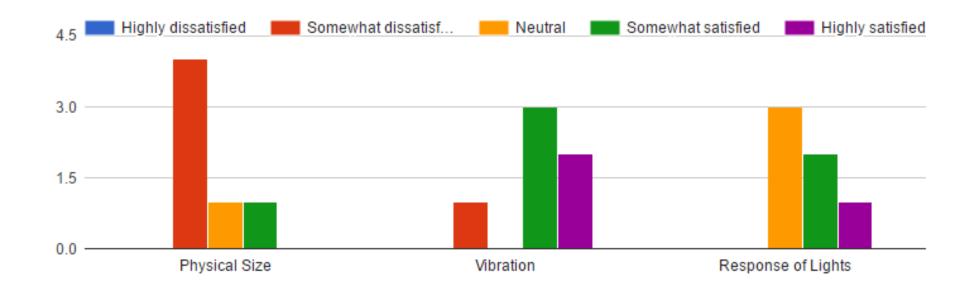


Figure 5. Beginner testing Kinemata while performing archery.



ure 6. Professional archer, standing with the bow ready to shoot.







# The future of Wearables







# Thank you!

I'd love to hear from you Jana.pejoska@aalto.fi

