

# Smart Textiles – Technology for Medicine and Healthcare

**Date:** October 19, 2017

**Venue:** Vestindien C, Textile Fashion Center, Skaraborgsvägen 3, Borås

## Program

08:30 Registration & coffee

09:00 Introduction.  
Joel Peterson, The Swedish School of Textiles

09:10 Human Robot Interaction in Minimally Invasive Surgery and Therapy.  
Professor Atsushi Nishikawa, Shinshu University

09:50 Smart textiles for healthcare.  
Dr. Li Guo, The Swedish School of Textiles

## 10:15 Coffee

10:45 Enabling full body electrostimulation therapy.  
CTO Karolina Magnusson, Inventions AB

## 11:30 Lunch (time to visit Textile Showroom)

13:00 Japan Society for the Promotion of Science (JSPS) – Information about activities

13:15 Wearable sensors enabling personalized occupational health.  
Dr. Farhad Abtahi, We@Work: Karolinska Institute

13:45 Medicine, mathematics and textiles - a winning compression concept.  
Josefin Damm, Co-founder & Co-inventor PressCise AB

## 14:15 Break

15:00 Enhancing Textile Electrode Performance - Regulating moisture management through textile Structure. Carin Backe, The Swedish School of Textiles

15:20 A study on the virtualization of draping.  
Professor Shigeru Inui, Shinshu University

15:40 Guided tour at The Swedish School of Textiles (please register if you want to attend)

16:30 End of the day