

Ambience'08  
Smart Textiles – Technology & Design

Call for Papers

### **Welcome to Ambience'08**

The first international scientific conference in the Ambience series was held in Tampere, Finland in 2005. The second Ambience conference will now be held at the University College of Borås, Sweden on June 2-3, 2008.

The theme for the 2008 conference is “Smart Textiles – Technology and Design”. We see the conference as a place where design and technology communities come together to discuss and share ideas on the next generations of high-tech textile techniques and products; a place where technology and design can meet and interact, to inform each other, and to bring new ideas back to your own community.

The main topics of the conference are: Smart Clothing, Smart Textiles Design, Technical Textiles, Automotive Textiles, Medical Textiles, Sensors & Fibers.

We welcome submissions that focus on these topics from the perspective of technology as well as from the perspective of design.

Keynote speakers from both academia and industry will introduce discussions about, and critical reflections on, future development of textile technology and design.

The conference is organized by The University College of Borås in cooperation with Tampere University of Technology and IFP Research AB and is a part of the Smart Textiles Initiative [www.smarttextiles.se](http://www.smarttextiles.se)

### **Submitting**

Extended abstracts of papers should be submitted no later than January 15, 2008. Visit the conference website

[www.smarttextiles.se/Ambience08](http://www.smarttextiles.se/Ambience08)

for information and detailed instructions. Be sure to check the web for changes that may appear as the submission deadline approaches.

**Review process:** Each submitted abstract will be reviewed by the Scientific Program Committee. Authors will be notified of acceptance for oral presentation/poster presentation or rejection by March 15. A camera-ready version of the final paper must be submitted by May 1 at latest.

**Author agreement:** By submitting a paper, the author(s) agree that, if the paper is accepted they

- Submit a final, revised, camera-ready version by May 1,
- Register at least one author to attend the conference and to present the accepted papers

## **Conference Chairs**

Marion Ellwanger  
The Swedish School of Textiles  
University College of Borås

Heikki Mattila  
Fibre Materials Science  
Tampere University of Technology

## **Scientific Program Chairs**

Lars Hallnäs  
The Swedish School of Textiles  
University College of Borås  
Department of Computer Science and Engineering  
Chalmers University of Technology

Pernilla Walkenström  
IFP Research AB

## **Scientific Program Committee**

Hans Bertilsson  
The Swedish School of Textiles  
University College of Borås

Zane Berzina  
Goldsmiths Digital Studios  
University of London

Carole Collet  
Central Saint Martins College  
University of the Arts London

Paul Gatenholm  
Polymer Technology  
Chalmers University of Technology  
VirginiaTech

Hilde Hauan Johnsen  
Bergen National Academy of the Arts

Bengt Hagström  
IFP Research AB

Sundaresan Jayaraman  
Georgia Tech University

Lieva van Langenhove  
Ghent University

Peter Leisner  
SP Technical Research Institute of Sweden

Johan Redström  
The Interactive Institute

Vibeke Riisberg  
Designskolen Kolding

Roshan Shishoo  
Shishoo Consulting AB

Mikael Skrifvars  
School of Engineering  
University College of Borås

Gerhard Tröster  
ETH Zurich

Karl A. Wallmann-C:son  
Ulfabgruppen AB

Rachel Wingfield  
Central Saint Martins College  
University of the Arts London

### **Conference Organizing Chair**

Agneta Nordlund Andersson  
The Swedish School of Textiles  
University College of Borås

### **Conference Organizing Committee**

Susanne Edström  
The Swedish School of Textiles  
University College of Borås

Annika Hellström  
Jagör Bild & Form

Peter Johansson  
University College of Borås

Vendela Röhlander  
University College of Borås

## **Conference Venue**

### **The City of Borås**

*In the early middle age the farmers around what is now Borås took up long distance trading. Their demand for tradable goods laid the foundation for proto-industrial manufacturing and later modern industry. The region is still a national centre for production of textiles and ready-made garments.*

Today Borås is the second largest city in western Sweden. No less than 1.5 million people live within a 100-kilometre radius of the city, itself a centre for the 100.000 inhabitants. The textile industry's global nature continually creates new expressions in the area, which in turn reflects the many different faces of the industry.

### **The University College of Borås**

The Swedish School of Textiles was founded in 1866 and is now a part of the University College of Borås (founded in 1977). There are approximately 12.000 students at the six Schools, each distinguished by its own academic profile:

- Library and Information Science,
- Business and Informatics,
- Fashion and Textiles,
- Behavioural Science and Teacher Education,
- Engineering ,
- Health Care and Caring Sciences.

Borås is situated at the intersection of four national highways and can be reached by rail from four directions. Motorway extensions and a planned railway provide rapid links to both Gothenburg and Stockholm.

Landvetter, west Sweden's international airport, is located halfway between the city and Gothenburg, and offers seventy-five daily departures to more than twenty destinations.