



TEXTILHÖGSKOLAN
HÖGSKOLAN I BORÅS

e-text+textiles presents:

BODY & SPACE

**Innovative Textile Design from
the Swedish School of Textiles in Riga**

15.02.2008 – 09.03.2008

The cultural initiative e-text+textiles is organizing event series Body & Space in Riga during the February and March 2008. These events consist of an exhibition Body & Space showcasing the newest developments within the field of smart textiles by the Swedish School of Textiles in Borås, a seminar The Challenge of Smart Textiles addressing and discussing the issues highlighted by the exhibition as well as a practical workshop EduWear giving a specialist insight into the construction and design of e-textiles.

The aim of the Body & Space events is three-fold:

- to introduce Latvian specialists and the general public to state-of-the-art developments in smart textiles in Sweden;
- to stimulate the development of the field in Latvia and
- to give an informative and critical analysis on these developments by placing them into wider socio-cultural and technological contexts.

Body & Space is initiated and organized by e-text+textiles in collaboration with the Swedish School of Textiles in Borås. It is implemented with the support of the Riga Technical University, LIAA - Investment and Development Agency of Latvia, The Latvian National Art Museum, Norden - Nordic Council of Ministers' Office in Latvia, the Swedish Embassy in Latvia, the Latvian Textile and Clothing Industry Association and hotel Valdemars. Information sponsors are: Diena, Dizaina Studija, Rigas Laiks, A4D, 1/4 Satori.

e-text+textiles (e-t+t) is a non-profit cultural organization focusing on the generation, distribution, and dissemination of networked knowledge:
www.e-text-textiles.lv

EXHIBITION: Body & Space

15th of February – 9th of March 2008

Venue: LNMM exhibition hall Arsenalis, Radošā darbnīca

Torņa street 1, Rīga, Latvia

www.lnmm.lv

A new generation of technical and smart textile materials have the ability to change colour, shape, texture and to conduct electricity among other things. Originally, these materials were used in the highly technical areas of space and military technology. Increasingly they are being used in everyday life and in the current context these materials, technologies and concepts are finding their applications in the civil sector. Specialists are predicting that in the near future, our very day-to-day lives will be significantly enhanced and regulated by intelligent devices and processes. Many of those systems will be discreetly incorporated into textiles and other flexible membrane structures in the form of microelectronics, nanotechnologies, communication and sensing technologies. These developments will require new ways of thinking, designing and producing.

The exhibition Body and Space will highlight the newest developments within the field of smart textiles by the Swedish School of Textiles in Borås - their staff and research students.

OOO Please read introductions to the Body & Space exhibition by the curator Prof. Ulla Bodin and co-curator Dr. Zane Berzina in a separate document on the e-t+t website: www.e-text-textiles.lv

SEMINAR: The Challenge of Smart Textiles

Date: 15th of February, 2008

Venue: Riga Technical University

Kalku street 1, Rīga, Latvia

www.rtu.lv

e-text+textiles in partnership with the Swedish School of Textiles in Borås, LIAA - Investment and Development Agency of Latvia and the Riga Technical University is organising the seminar The Challenge of Smart Textiles. It is one of several Body & Space events highlighting the emerging field of smart textiles and soft technologies from the perspective of Swedish researchers, design practitioners, technologists, academics and policy makers in the field.

Description

Specialists forecast that in a not too distant future the design and the production of textiles and clothes may become as complex a process as automotive design, This will demand a design approach much more like that of engineering.

The intention of the seminar is to address and reveal the contemporary issues regarding textile technology and design in all their complexity and to illuminate the theoretical and practical issues actualized by the Body & Space exhibition in order to critically engage the local specialists and other interested people in the current discourse surrounding the research, production and dissemination of smart textiles within the contemporary design context.

During the seminar specific focus will be placed around concepts relating to textiles as the future material, soft electronics and smart textile systems for the body and its various environments. The other point of enquiry will be the complex research practices across design, science and technology which have proven to be successful in creating new synergies, concepts and products. These issues will be discussed from the perspectives of researchers, design practitioners, technologists, industry representatives, economists and educators. It is expected that this should contribute to the wider context of the current dialogue between (textile) craft, technology, design, art, science and society.

The invited specialists from Sweden and Latvia will offer their expertise and will discuss the practical developments, innovative concepts and economic potential of smart textiles as well as the impact of these practices on our everyday lives. The themed panel sessions will be followed by Q&A sessions which will insure the necessary interaction between the presenting experts and the audience.

OOO Please read the conference The Challenge of Smart Textiles programme and proceedings in separate documents on the e-t+t website:
www.e-text-textiles.lv

OOO Registration for the seminar is essential. Please confirm your attendance by 11.02.2008 at info@e-text-textiles.lv

WORKSHOP: **EduWear**

Date: 4th of March – 7th of March, 2008

Venue: Riga Technical University

Kalku street 1, Riga, Latvia

www.rtu.lv

There will be a follow up to the seminar The Challenge of Smart Textiles in the form of a practical workshop for a small group of selected design and technology students from Latvia. During this hands-on workshop students will learn how to develop and program e-textiles. EduWear aims at contributing to the reduction of inhibiting factors by employing an approach rooted both in education and in Information and Communication Technologies (ICT) development.

The workshop EduWear in Riga is organised by e-text+textiles in collaboration with the Swedish School of Textiles in Borås and the Riga Technical University. EduWear project is supported by the European Commission.

OOO Please read the EduWear description by Prof. Marion Ellwanger in a separate document on the e-t+t website: www.e-text-textiles.lv

Project Team: e-text+textiles: www.e-text-textiles.lv

Project idea, concept and programming: Dr. Zane Berzina

Project management and implementation: Anda Klavina and Dr. Zane Berzina

Project PR: Anda Klavina

Graphic Design: Carl Murphy

Sponsors:



Information sponsors:



The Challenge of Smart Textiles.

What is the Potential in the Interaction Between the Textile Industry, Design and Modern Technologies?

PROGRAMME OF THE SEMINAR

Date: Friday, 15th of February 2008
Venue: Small Hall, Riga Technical University (RTU)
Kalku Street 1, Riga

Moderator:

Anda Klavina
Cultural Critic and Journalist (e-text+textiles, Latvia)

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| 09.30 – 10.00 | Registration and coffee |
| 10.00 – 10.05 | Welcome note by the organizer, e-text+textiles (Latvia) |
| 10.05 – 10.15 | Opening note
Prof. Leonids Ribickis
Vice Rector for Science and Research
Riga Technical University (Latvia) |
| Session 1: Introduction | |
| 10.15 – 10.45 | The Potential of the Latvian Textile Industry – An Analytical Overview and Development Trends
Dr. Guntis Strazds
President of the Latvian Textile Producers Association (Latvia) |
| 10.45 – 11.15 | Smart Textiles - Science Fiction or Future?
Dr. Zane Berzina
Creative Director, e-text+textiles, Riga (Latvia) and Research Fellow at CHRRCT, Goldsmiths College, University of London (UK) |
| 11.15 – 11.30 | Break (tea & coffee) |

Session 2: Design and Technology – initiatives and Strategies for Collaborative Practices in crossdisciplinary Research and Development

- 11.30 – 11.55 Smart Textiles – The Role of Experimental Design
 Prof. Lars Hallnäs
 Head of Design at the Swedish School of Textiles
 The Swedish School of Textiles, University College of Borås,
 Department of Computer Science and Engineering, Chalmers
 University of Technology (Sweden)
- 11.55 – 12.25 VINNVÄXT Programme Overview (title to be confirmed)
 Cecilia Johansson
 Programme Manager VINNVÄXT
 VINNOVA - Swedish Governmental Agency for Innovation
 Systems (Sweden)
 VINNVÄXT is promoting sustainable growth and inter-national
 competitiveness in Sweden by means of developing
 internationally-competitive research and innovation
 environments in specific growth fields.
- 12.25 – 12.45 SMART TEXTILES Cluster – A VINNOVA VINNVÄXT Initiative
 Prof. Lars Hallnäs
 Head of Design, Smart Textiles Initiator
 The Swedish School of Textiles, University College of Borås,
 Department of Computer Science and Engineering, Chalmers
 University of Technology (Sweden)
- 12.45 – 13.15 Activities of Investment and Development Agency of Latvia for
 promotion of the cooperation between companies in creative
 industries
 Māris Ēlerts
 Head of Knowledge and Innovation System Development
 Department,
 LIAA – Investment and Development Agency of Latvia
- TITLE (IT Cluster in Latvia) (title to be confirmed)
 Lilita Sparāne
 Executive Director
 IS Cluster (Latvia)
- 13.15 – 14.15 Lunch

Session 3: The Industry and Education Angle

- 14.15 – 14.45 Textile Furnitures - Awarded Designs and Smart Technologies
Anders Bergner
IFP Research AB (Sweden)
- 14.45 – 15.15 Adding Values - Smart Textile Prospects from an Automotive Industry Angle
Lene Jul Östblom
Industrial Product Designer, Design Account Manager at Borgstena Textiles (Sweden)
- 15.15 – 15.45 Education in Smart Textiles and Wearable Technology
Prof. Marion Ellwanger
The Swedish School of Textiles, University College of Borås, Department of Textiles (Sweden)
- 15.45 – 16.00 Break (tea & coffee)

Session 4: Making It Happen - Case Studies

- 16.00 – 16.30 Smart Textile Research Based on Extreme Conditions
Lena Berglin
PhD Researcher, Textile and Interaction Design, The Swedish School of Textiles, University College of Borås and the Chalmers University of Technology (Sweden)
- 16.30 – 17.00 Textile Sound Design
Margareta Zetterblom
PhD Researcher, Textile and Interaction Design, The Swedish School of Textiles, University College of Borås and the Chalmers University of Technology (Sweden)
- 17.00 – 17.30 Dynamic Textile Patterns - Designing with Smart Textiles
Linda Worbin
PhD Researcher, Textile and Interaction Design, The Swedish School of Textiles, University College of Borås, Department of Computer Science and Engineering, Chalmers University of Technology (Sweden)

17.30 – 18.00 Panel Discussion
Assoc. Prof. Barbara Abele, Art Academy of Latvia
and presenters of the seminar

Moderators:
Anda Klavina and Zane Berzina

18.00 Conclusion

With enquiries please email Anda Klavina: info@e-text-textiles.lv.