



Marie Skłodowska-Curie Action European Training Network (ETN)

3 PhD positions at The Swedish School of Textiles in collaboration with AB Ludvig Svensson

ArcInTexETN is an initial training network for new PhD students linking Architecture, Textiles and Fashion Design, and Interaction Design in researching and exploring the expressions of sustainability and forms of future living.

The ArcInTexETN aims to strengthen the foundations of design for more sustainable forms of living by connecting architecture, textiles and interaction design in a training network for early stage researchers. By deepening the connections between textile, architecture and interaction design the network will explore new expression of living in an age of technological innovations through the design of adaptive and responsive environments connecting the scales of the body, the interior and the building.

Building on new ideas of material thinking and design thinking with emphasis on sensitive design expressions for reflective living, the PhD students of the network will be ready to take on fundamental challenges both in academia and in the private sector through a training network that combines in depth specialization, collaborative training and company internship.

The ArcInTexETN is a network collaboration between the following institutions and companies:

1 Beneficiaries (hiring PhD students)

- Heriot-Watt University (United Kingdom) www.hw-ac.uk
- AB Ludvig Svensson (Sweden) www.ludvigsvensson.com
- Philips Electronics Nederland B.V. (The Netherlands) www.philips.com
- Royal College of Art (United Kingdom) www.rca.ac.uk
- Eindhoven University of Technology (The Netherlands) www.tue.nl
- University of Borås (Sweden) – coordinators www.hb.se
- The Berlin University of the Arts (Germany) www.udk-berlin.de
- Vilnius Academy of Arts (Lithuania) www.vda.lt

2 Partner Organisations

- Audejas UAB (Lithuania) www.audejas.lt
- Haworth Tompkins London (United Kingdom) www.haworthtompkins.com
- Heatherwick Studio London (United Kingdom) www.heatherwick.com

Eligibility Criteria and Selection Procedure

The ETN is a training network for new PhD students and candidates apply for PhD education at one of the institutions in the network. Successful candidates will

thematically be organised in three groups relating to three main Work Packages of the programme.

Mobility plays a central role in the programme and PhD students in the network will follow a secondment schemata moving them in between institutions and companies, in between architecture, textiles and fashion design, and interaction design as well as in between academic research and company based development projects. The rotation of PhD students between the partners will bring them to learn complementary techniques and methods, which will broaden their perspectives and capabilities, and enhance their career development.

By forming a unique cross-disciplinary network of researchers, supervisors, research methods, and infrastructure for experimental design research ranging from fine art, fashion design, and textile design, via industrial design and architecture, to materials research and interaction design; the ETN will provide a unique innovation competence to young early stage researchers that will be better trained for the future challenges given by the design of a more sustainable way of living. The broad foundation of the initiative provides all PhD students of the ETN with a unique opportunity to take experimental research projects all the way from the initial idea to scaled-up models and prototypes ready to exhibit and try out, as well as a to relate fundamental research to development projects which covers all forms of living from a near-field to a far-field perspective.

Applicants need to have obtained a relevant master degree with excellent grades. We are looking for highly motivated students with good English proficiency. Applicants must also meet the requirements of the Marie Skłodowska-Curie actions rule for mobility. Applicants must not have carried out their main activities in the country where they will perform their studies for more than 12 months in the 3 years prior to the start of the fellowship. A researcher can only be employed in the country of his/her own nationality if he/she has spent more than four of the five years prior to his/her appointment in a non-EU country, or if he/she has been active in an international organisation.

Available PhD positions

The School of Textiles, University of Borås advertise three PhD positions within the ArcInTexETN programme:

1 PhD position on *Designing adaptive and responsive textiles* within the Work Package *Textile thinking for adaptive and responsive architecture – the scale of the building*. A successful candidate will be enrolled as PhD students in the University of Borås Research School in Textile Design.

1 industrial PhD position in collaboration with AB Ludvig Svensson on *Textile structures for adaptive and responsive interiors* within the Work Packages *Textile thinking for adaptive and responsive interior design – the scale of the interior*.

A successful candidate will be employed by AB Ludvig Svensson and enrolled as an industrial PhD student in the University of Borås Research School in Textile Design.

1 PhD position on *Designing adaptive and responsive clothing* within the Work Package *Textile thinking for the design of adaptive and responsive wearables – the scale of the body*.

A successful candidate will be enrolled as PhD students in the University of Borås Research School in Textile Design.

Researchers' Income and Conditions

Researchers with full employment at the beneficiaries within the ArcInTexETN will receive a living allowance, a mobility allowance and, when eligible, a family allowance, for three years at the rates stipulated by the European Commission for Marie Skłodowska Curie researchers. Researcher's contract will conform to the organizational structures of the participating organisations and relevant national regulations whilst meeting the European Commission's requirements for Marie Skłodowska Curie programmes.

Network Coordinators

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