



Marie Skłodowska-Curie Action European Training Network (ETN)

15 PhD positions

ArcInTexETN is an initial training network for new PhD students researching and exploring the expressions of sustainable forms of future living through textile thinking in the intersection of Architecture, Fashion Design and Interaction Design.

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 researchers may be a national of a Member State, of an Associated Country or of any other third country and are required to undertake transnational mobility.

An ESR must be, at the date of recruitment – an early stage researcher (i.e. in the first four years of his/her research career and not have a doctoral degree.

Researcher must not have resided or carried out his/her main activity (work, studies etc) in the country of his/her host organisation for more than 12 months in the 3 years immediately prior to his/her recruitment. Short stays as holidays, are not taken into account.

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 Conditions of Mobility of Researchers.

Available PhD positions

15 positions in the areas of architecture, textile and fashion design and interaction design

I Textile thinking for adaptive and responsive architecture – the scale of the building

Work Package Leader: Universität der Künste, Berlin

1 Textile structures for adaptive and responsive architecture.

Textile architecture, 2 PhDs, Berlin University of the Arts

2 Designing adaptive and responsive textiles.

Textile and fashion design, 1 PhD, Royal College of Art, 1 PhD University of Borås

3 Designing for adaptive and responsive far-field interactions.

Textile interaction design, 1 PhD, Royal College of Art

II Textile thinking for adaptive and responsive interior design – the scale of the interior

Work Package Leader: Royal College of Art, London

1 Textile structures for adaptive and responsive interiors.
Textile design, 1 PhD, Royal College of Art, 1 PhD University of Borås/AB Ludvig Svensson

2 Designing bespoke textiles for interior performance.
Textile and fashion design, 2 PhDs, Vilnius Academy of Arts

3 Designing for adaptive and responsive near-field interactions:
Textile interaction design, 1 PhD, Berlin University of the Arts

III Textile thinking for the design of adaptive and responsive wearables – the scale of the body

Work Package Leader: University of Borås

1 Textile structures for adaptive and responsive clothing:

Textile design, 2 PhDs, Heriot-Watt University

2 Designing adaptive and responsive clothing:

Fashion design, 1 PhD, University of Borås, 1 PhD Eindhoven University of Technology

3 Designing for adaptive and responsive wearable interactions:

Textile interaction design, 1 PhD, Eindhoven University of Technology/Philips Electronics Nederland B.V.

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 coordinator Lars Hallnäs, The Swedish School of Textiles, University of Borås

For further information contact the **Network Manager** of the ArcInTexETN project:

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