



# Contest

## COLLABORATIVE NETWORK FOR TRAINING IN ELECTRONIC SKIN TECHNOLOGY

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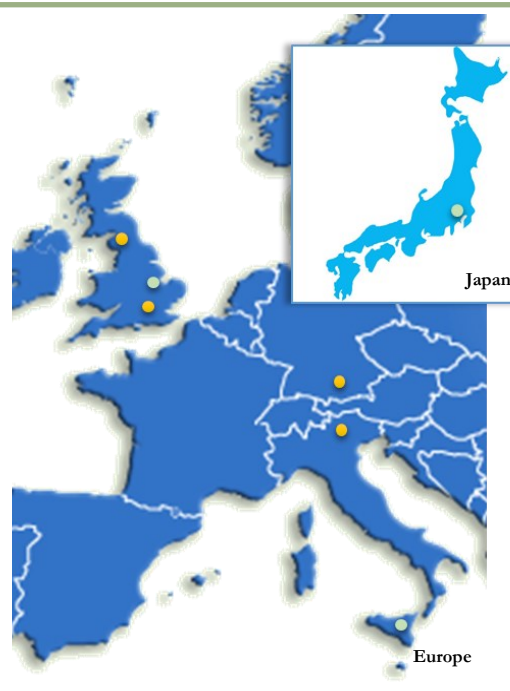
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### CONTEST NETWORK

- Fondazione Bruno Kessler, Trento, Italy - FBK
- Technical University Munich, Germany TUM
- Fraunhofer EMFT, Germany -EMFT
- University of Glasgow, UK- UoG
- Imperial College London, UK
- Shadow Robot Company, UK
- University College London, UK-UCL

### Associated partners

- University of Tokyo, Japan
- University of Cambridge, UK
- ST Microelectronics, Italy



### CONTEST IN A NUTSHELL

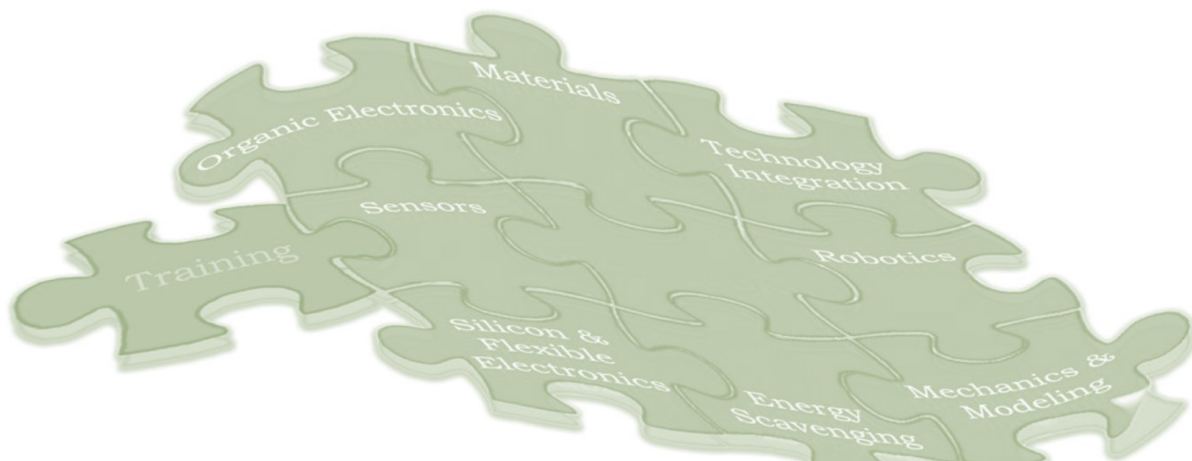
CONTEST (Collaborative Network for Training in Electronic Skin Technology) is an EU FP7 Marie Curie Initial Training Network. This multi-site network comprises of 9 internationally reputed research teams (7 partners and 2 associate partners from 4 countries ) from academia, research centres and industry. The network aims to provide 12 ESRs (Early Stage Researchers) and 2 ERs (Experienced Researcher) with 480 person-months of unparalleled research training opportunity in the multidisciplinary field of flexible and large area electronics and sensing. The research training is supplemented with formal training courses in the relevant fields and a wide variety of complementary training courses, colloquia and seminars.

Funded under European Community's 7th Framework Programme  
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<http://www.contest-itn.eu/>

Contest





# COLLABORATIVE NETWORK FOR TRAINING IN ELECTRONIC SKIN TECHNOLOGY

## MAIN FACTS

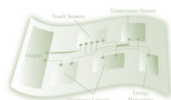
### TECHNOLOGIES FOR HOMOGENOUS/HETEROGENEOUS INTEGRATION OF MULTIFUNCTIONAL COMPONENTS

The silicon and organic materials based solutions will be investigated, yielding systems with the advantages of both. CONTEST brings together complementary expertise in flexible electronics, sensors, system integration, and robotics from nine key academic and research institutes, and industry. CONTEST will push research frontiers towards:

- Multifunctional Electronics.
- Bendable and stretchable electronic systems over large areas.
- Integration of organic and inorganic materials based components.
- Gathering “contact information” from large areas simultaneously, creating opportunities to extend the cognitive capabilities of robots, and in human-environment interfaces.

## 480 PERSON MONTHS OF RESEARCH TRAINING

The CONTEST programme will provide multidisciplinary research training to young researchers in relevant fields such as flexible/bendable systems integration, fabrication technologies, new materials, robotics and human-environment interaction. The research training will be supplemented with a variety of complementary courses such as IPR, grant writing and exploiting the scientific results.



### E-SKIN AND ADVANCED ROBOTICS

CONTEST is a multi-site initial training network (ITN) funded by European Commission to work in the fast expanding field and applications. The CONTEST programme involves investigating various critical aspects of flexible electronics - all converging towards obtaining an electronically-enhanced and wearable smart skin.



## DIRECT INVOLVEMENT OF STAKEHOLDERS

The project envisages the participation of two companies as partners to provide technical and operational support and to support the technological transfer of the research results. More information on the companies website: Shadow Robot Company (<http://www.shadowrobot.com/>) and ST microelectronics (<http://www.st.com/web/en/home.html>)