

CREATIF NEWS

Creatif Project Newsletter Issue 1

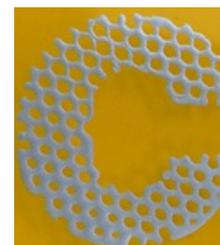
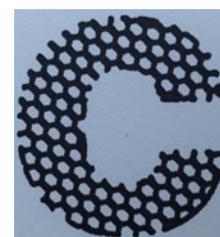
September 2015

About this Newsletter

The purpose of a newsletter is to provide information about the CREATIF project's progress. This first issue outlines the progress on the collaborative software and CREATIF forum. Further issues will be produced to highlight important developments as they occur.

The newsletter is targeted at potential users of the technology. These are primarily expected to be from the creative industries of which the expected most relevant sectors are: advertising, architecture, design, designer fashion, arts, performing arts; crafts, music, television and radio

Further information is available on the CREATIF website: www.creatif.ecs.soton.ac.uk/. This provides a summary of the dissemination to date from the project, including journal and conference papers. To be kept informed in the future please email: creatif.network@gmail.com.



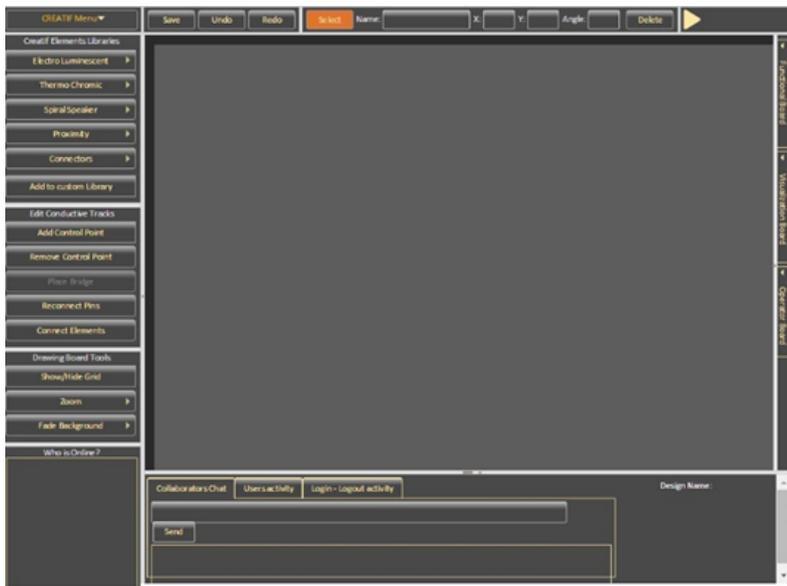
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Printed electroluminescent device on fabric

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Interface for collaborative design tool

The collaborative software

The user is able to design a smart fabric using 3 stages of design software:

- CREATIF Collaborative Design Tool: Allows the user to add the smart fabric functions to a coloured design or a plain background. The coloured design must first be produced in Adobe Illustrator or an alternative drawing package and imported to the Collaborative tool in .dxf format.
- CREATIF Translation Tool: Translates the user's design to the layers which must be printed to realise the smart fabric.
- CREATIF Visualisation Tool: Allows the user to see a visual representation of what the smart fabric will look like and set parameters for the smart functions.

The software smart fabric can then be realised via remote printing.

Several smart fabric functions can be incorporated on the smart fabric. The following smart functions are currently available when used with the standard control electronics:

- Electroluminescent
- Thermo-chromic
- Loudspeaker
- Proximity sensing

The CREATIF project

We aim to create a hardware and software platform to enable creatives to design and realise smart fabrics without needing technical expertise in smart fabric technology.

The Consortium

- University of Southampton
- Grafisoft
- Ardeje
- Institute Textiles Aachen
- Base Structures
- Diffus Design
- Zaha Hadid Architects

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no CP-FP-INFSO-



Printed silver on fabric

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