

WORKSHOP

Additive Manufacturing with recovered WEEE.



fenix

ATENEU DE FABRICACIÓ FÀBRICA DEL SOL
Passeig de Salvat Papasseit, 1
08003 Barcelona

18th and 19th February 2020
10 am - 1:40 pm

FENIX PROJECT

The FENIX project principle is to demonstrate a set of innovative circular business models and industrial strategies through a multi-functional and multi-sectorial manufacturing centre constituted by several existing pilot plants. The main pilot is focused on the treatment of different kinds of e-wastes through a three-phase process that, starting from the wasted products, is able to recover a set of critical materials.

WORKSHOP

We invite you to take part in the Workshop which will take place in Barcelona.

The main goal of the workshop is to show how Additive Manufacturing technology can be a real implementation for a circular economy. Therefore, a Direct Ink Writing equipment has been developed to print High solid-content metallic inks, made of recovered WEEE. With this workshop we want participants to learn how to design and print pieces using a DIW equipment and to discover new applications for additive manufacturing.

PROGRAMME

► 18th February 2020

10 am to 1:30 pm

Welcome 15 min

Fenix Project presentation 15 min

Introduction to DIW technology and its applications 30 min

Designing pieces and geometrical considerations 30 min

Coffee break and networking 30 min

Gcode generation with slicer software 1:30 min

► 19th February 2020

10 am to 1:40 pm

Welcome 5 min

3D printing DIW machine explanation (subparts - machine working) 30 min

Workflow process 30 min

Coffee break and networking 30 min

Print demonstration 2 hrs

Closure 5 min



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LIMITED PLACES, PLEASE CONFIRM YOUR PLACE CONTACTING WITH lcervo@cimupc.org OR plustig@cimupc.org.

FOR ANY QUESTIONS FEEL FREE TO CONTACT AT lcervo@cimupc.org. WE ARE LOOKING FORWARD TO WELCOMING YOU IN BARCELONA!