New COST Action MP1105

FLARETEX

Sustainable flame retardancy for textiles and related materials based on nanoparticles substituting conventional chemicals

OBJECTIVES

The aim of FLARETEX is to form a **European multidisciplinary Knowledge Platform on Sustainable Flame Retardancy** to facilitate the rapid development of fire safe textiles and related materials of low toxicity and ecotoxicity, using all the available technologies. In particular, this platform will help to **promote cooperation** between researchers from different scientific disciplines (such as chemistry, physics, materials science and engineering), efficiently **exchanging ideas and strategies** in order to lead developments in fire safety, fire retardants and environmentally friendly fire retarded textiles and related materials. FLARETEX will **facilitate the commercialisation** of the novel research products/processes developed as well as influence the main European industrial flame retardant textile interest.

WORKING GROUPS

WG1 Novel Flame Retardants

WG2 Toxicological/environmental aspects

WG3 Processing/Applications/ Commercialisation

WG4 Testing/Standardisation

Duration **: 4 years (Spring 2012 – 2016)**

Domain **:** Materials, Physics and Nanosciences (MPNS)

More information about this COST Action from the **Proposer** :

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