

WORKSHOP ON THE MANUFACTURING AND RECYCLING OF TEXTILE REINFORCED COMPOSITES

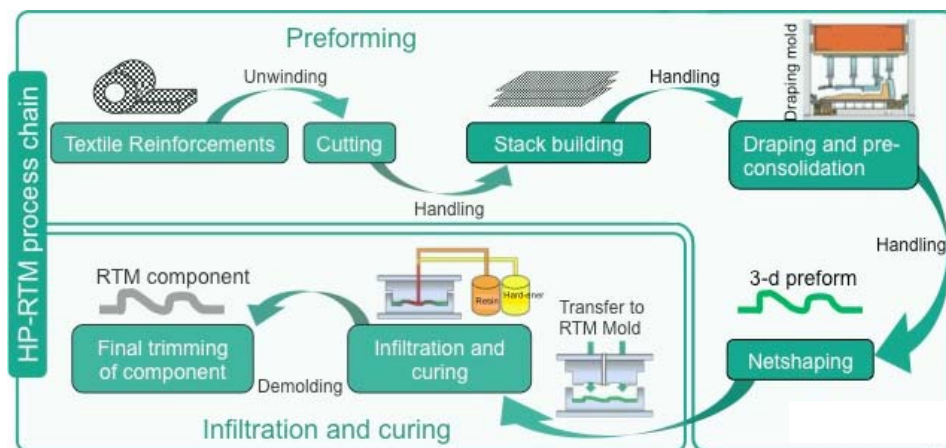
Planned “Workshop on Manufacturing and Recycling of Textile Reinforced Composites” is supported from the funds of Nadace Preciosa. The Workshop will take the place on **20.11.2017** and **21.11.2017**.

Workshop Program:

20.11.2017 from 9⁰⁰ to 12⁰⁰: preparation of waste for composite manufacturing, preparation and manufacturing of composite specimen (vacuum bagging and hand lay-up)

21.11.2017 from 9⁰⁰ to 12⁰⁰:

preparation of composite specimen for testing and measurement of material properties (electrical and mechanical properties of composites)



Long-term trends in current material are focused on replacement of traditional structural materials in engineering applications using different types of fibre-reinforced polymers, mainly due to weight reduction and material and energy savings in final products. In recent years, many manufacturers also focus on recycling of composite structures out of service life, as the price of these composites is high and their recycling is economically attractive. Recycling of composite materials reduces the pumping of non-renewable raw materials and hence reduces the environmental burden. The Workshop on Manufacturing and Recycling of Composite Materials aims to develop and support this area, to deepen the knowledge of composite design regarding the specific properties and behaviour of fibre systems, and supports sharing of practical information on the latest trends in this field.

Payment: for TUL students free

Registration: till 1.11. send to: jana.novotna3@tul.cz

