Thursday 19 September

08:00 Registration

09:00 Room 1

BIODIESEL MATERIALS AND RECYCLING

Session chair: Jerome Claverie, Sherbrooke University, Canada

- Challenges of producing bio-based lignocellulosic biofuel from hardwood using enzymatic hydrolysis by Lucile Wald, CNRST, Belgium

- Manufacturing process for the production of high-performance bio-based polyols for polyurethane foam and elastomers by Luis Beltran, University of Cape Town, South Africa

- Principles of high-temperature recycling of waste tires and the potential of using tire rubber for applications in the construction sector by Vincenzo Visioli, Politecnico di Milano, Italy

- A novel method to quantify shape complexities of composite structures and its application to real-life applications by Vincent Firooz, University of Waterloo, Canada

- Influence of U2C on the mechanical properties of polymer composites by Soumen Jana, USTC, China

- An optimum design of a method for the production of high-quality composite materials by Maria I. Marcano, University of the Basque Country, Spain

- The effect of different rubber ratios on the mechanical properties of rubber-modified concrete composites by Tran Ngoc Minh and Tran Ngoc Son, Hanoi University of Science and Technology, Vietnam

- Development of an automated production process for the production of high-quality polymer composites by Luisa de la Torre, IMDEA Materials, Spain

- A discussion on the development of a new method for the production of high-quality composite materials by Gloria Vidales, University of South Carolina, USA

- A review of the latest developments in the field of composite materials and their applications by S. Selvaraj, University of Technology, Malaysia

- The impact of different rubber ratios on the mechanical properties of rubber-modified concrete composites by Tran Ngoc Minh and Tran Ngoc Son, Hanoi University of Science and Technology, Vietnam

- A discussion on the development of a new method for the production of high-quality composite materials by Gloria Vidales, University of South Carolina, USA

10:40 Coffee Break

11:10 Room 2

INDUSTRIAL INNOVATION

Session chair: Cyril Collart, Airbus, France

- A review of the latest developments in the field of composite materials and their applications by S. Selvaraj, University of Technology, Malaysia

- The impact of different rubber ratios on the mechanical properties of rubber-modified concrete composites by Tran Ngoc Minh and Tran Ngoc Son, Hanoi University of Science and Technology, Vietnam

- A discussion on the development of a new method for the production of high-quality composite materials by Gloria Vidales, University of South Carolina, USA

12:30 Lunch - Exhibition & Poster Presentations

13:40 Room 3

AEROSPACE MATERIALS & PROCESSES

Session chair: Hans Jerg Simonsen, Supren, Denmark

- An overview of the latest developments in the field of composite materials and their applications by S. Selvaraj, University of Technology, Malaysia

- The impact of different rubber ratios on the mechanical properties of rubber-modified concrete composites by Tran Ngoc Minh and Tran Ngoc Son, Hanoi University of Science and Technology, Vietnam

- A discussion on the development of a new method for the production of high-quality composite materials by Gloria Vidales, University of South Carolina, USA

15:00 Farewell Drink

15:20 Closing