



3rd CINE CONFERENCE

Sustainable Materials for Energy Storage and Conversion

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In this talk I will present an overview related to my research in the synthesis of sustainable carbon materials from biomass derivatives and their application in more sustainable batteries beyond Li ion with focus on Na based technologies. I will also discuss a new method for biomass electrolysis with focus on the anodic oxidation reaction to produce high value chemicals from glycerol or plastic waste.

Keywords: Sustainable Materials, Na ion batteries, Supercapacitors, Biomass electrolysis

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