



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

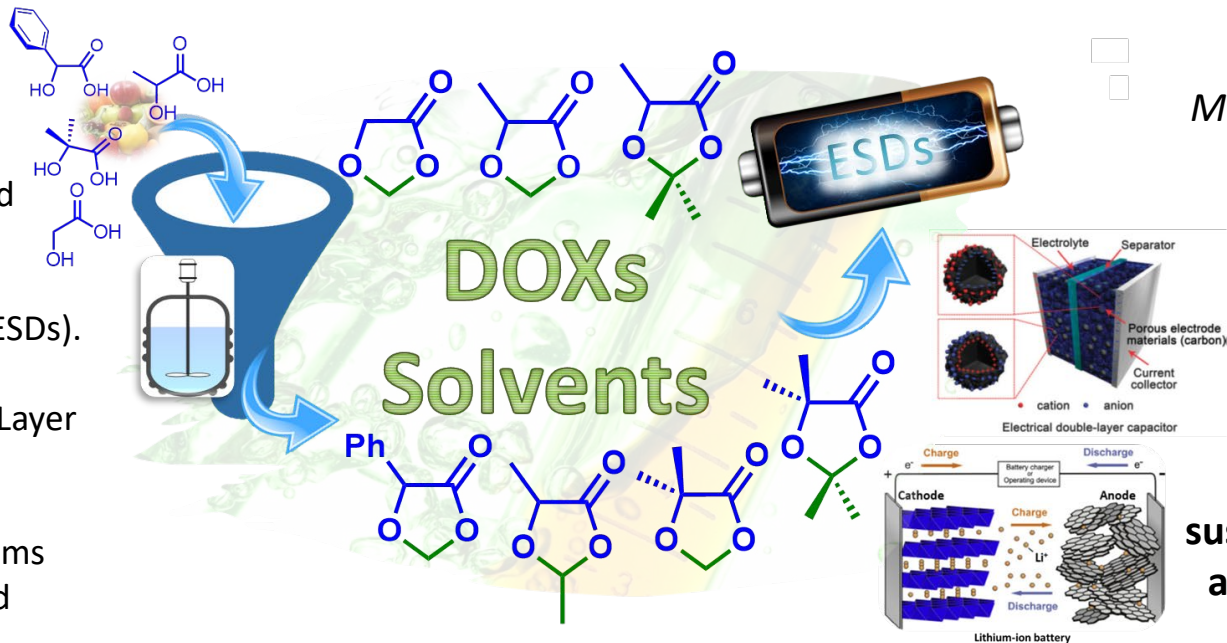
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVII Cycle)



Second year activity

A panel of seven dioxolanes (DOXs) were prepared and used as solvents for Energy Storage Devices (ESDs). The suitability in Electrical Double-Layer Capacitor (EDLC) and Lithium-Ion Battery (LIB) systems was demonstrated



Ph.D. Student

Massimo Melchiorre

Title

Solvents and chemicals from biomass: synthesis and applications in sustainable catalysis and storage energy devices