



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

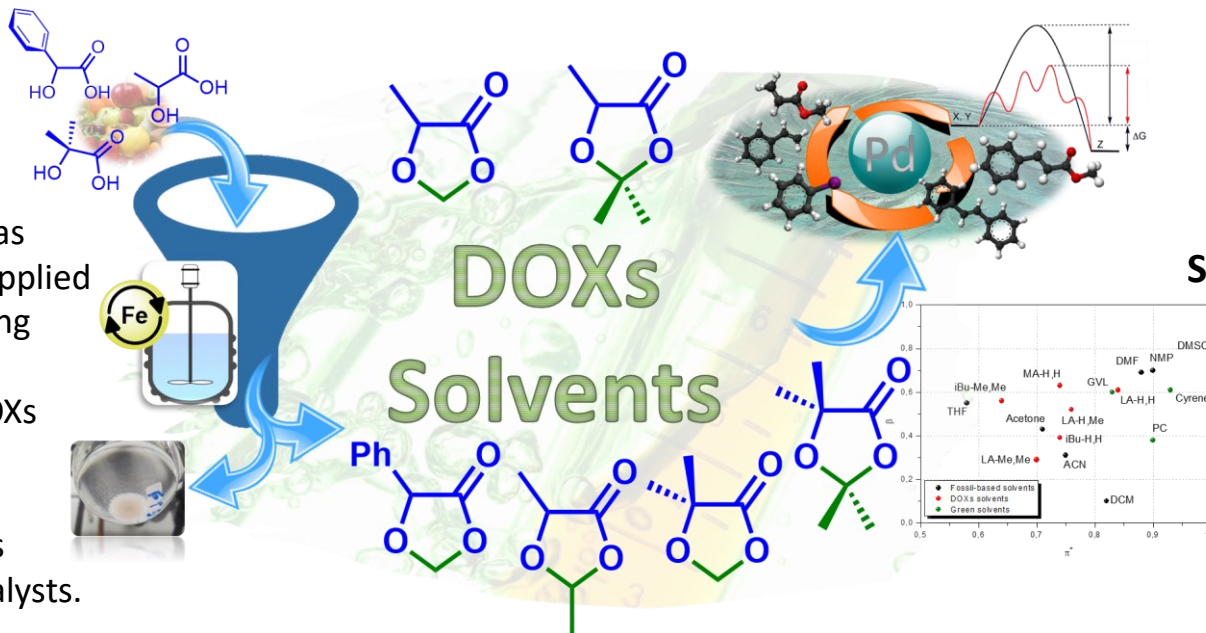
Department of Chemical Sciences

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



First year activity

A panel of six dioxolanes (DOXs) were prepared, characterized as solvents and applied in cross coupling catalysis. To improve DOXs synthesis, iron salts were investigated as Lewis acid catalysts.



Ph.D. Student

Massimo Melchiorre

Title

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