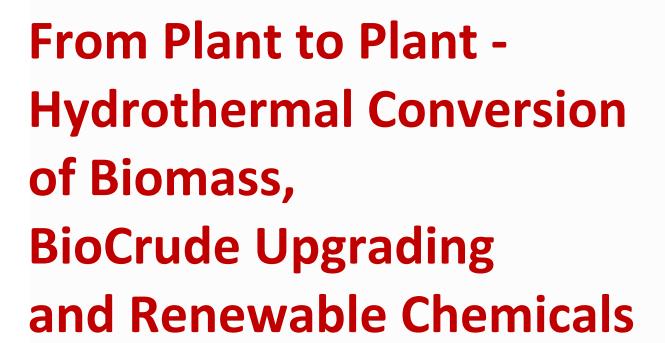
## dottorato

## DEPARTMENT OF MOLECULAR SCIENCE AND NANOSYSTEMS

**Seminars of the PhD Programme in Chemistry** 



Prof. Thomas Maschmeyer
School of Chemistry, The University of Sydney - Austalia

May 15<sup>th</sup>, 2018 at 14:30 Room Delta 0A - Campus Scientifico, Via Torino

## **Abstract**

Are renewables hype or reality? Following on from a general overview, the processing of biomass into biocrude and its further upgrading within various existing refinery streams will be discussed in detail, both from a chemical (reaction mechanisms) and a chemical engineering (refinery processes) point of view.

In addition, Kraft lignin will be showcased as a source of renewable aromatics and new green opportunities for the alkylation of lignin-based catechols will be introduced.

L'organizzatore prof. Alvise Perosa

Il Vice-Coordinatore del Dottorato in Chimica prof. Alessandro Scarso

