

## ***ISWFPC pre-symposium – program draft***

Location: Scientific Campus, Ca' Foscari University of Venice, Mestre, Italy  
Date: 03/07/2023 to 04/07/2023  
Duration: 2 days  
Mode: in presence

### ***Arguments/activities***

#### ***Lignocellulosic biomasses as composite materials***

- Insights in the molecular construction of lignocellulosic biomasses
- Wet-chemical analysis techniques

#### ***Spectroscopic and spectrometric methods for both fractionated and unfractionated lignocellulosic materials***

- Quantitative NMR analyses of isolated polyphenolic biomass components
- Raman spectroscopy for lignocellulosic composites and isolated components
- Thermal analysis techniques and pyrolysis for the analysis of lignocellulosic composites
- Analysing molecular weights of lignocellulose components.

#### ***Analysis of products from thermally treated biomass***

- Analysis strategies and methods for solid fractions
- Analysis strategies and methods for liquid and gaseous fractions

#### ***Hands-on training sessions for analysis strategies, and generation, interpretation, and validation of analytical data***

***Session for discussing practical problems actually encountered, exchanging lifehacks, etc.***

#### ***Poster session***

**04/04/2023**

Lunch break

**Topic 3 – Spectrometric analysis of lignocellulosic materials**

*Tutorial key note VII:*

14.00 – 15.30 **Antje Potthast** - Determination of molecular weights of lignocellulosic materials

*Coffee 15.30 – 16.00*

*Training session III:*

16.00 – 17.00 **Organizers** – *Lignocellulosics analysis: data interpretation, analysis strategies*

17.00 Concluding remarks, announcement winner poster price, farewell to main conference.