

# Wood and bionanocomposites research group

2 Professors, 3 Associate lecturers, 2 PostDocs, 9 PhD students

## Nanomaterials processing technologies

- Isolation of nanocellulose
- Preparation of green carbon nanomaterials

## Bio- and nanocomposites processing methods

- VI, compression molding, twin-screw extrusion
- Fiber spinning
- Foaming, aerogels, hydrogels

## Relationship between the process, properties and structure

## Applications:

- Lightweight composites, packaging, medical, electronics, membranes

