



International Symposium on Paradigms for the Pulp and Paper Industry in the XXI Century: Opportunities for a Sustainable Future

The pulp and paper industry is of low value added and large volume, and the growth of this industry in other regions of the world (China, India and Southeast Asia, South America) threatens its viability in Europe, so have to come up with solutions to make these industries more efficient by optimizing the use of resources and valuing the most of every one of the fractions of raw materials.

Scientific and technical advances made by researchers, along with the achievements in the pulp and paper industrial manufacturing, augur new challenges in the present and the future on various issues that is necessary to know better. Given the shortage of conventional raw materials in some countries due to growing demand for pulp and paper, and the interest of using all components of lignocellulosic raw materials due to the need for better use of natural resources imposed by the new economic, it is understand the desirability of investigating the use of alternative raw materials and the modification of pulping and bleaching processes and paper manufacturing, through the application of concepts based on the biorefinery and biotechnology, as well as improving of conventional processes.

Being aware of the importance of these problems, in the frame of the ANQUE International Congress on Chemical Engineering "Innovating for the future", which will be held from 24th to 27th June 2012 in Seville, an International Symposium on the topic "Paradigms for the Pulp and Paper Industry in the XXI Century: Opportunities for a Sustainable Future" has been organized.

Symposium topics:

- New raw materials
- Pulping and biopulping
- Bleaching and biobleaching
- Biorefinery: derivatives of cellulose, hemicellulose, lignin and extractives
- Pollution, water and energy
- Recycled paper, specialty papers, packaging
- New industrial experiences

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