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e Nanosistemi

Nanostructured catalysts for biomass valorization

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Biomass valorization, primarily from agricultural waste, is a major challenge, as it produces very large quantities of waste and requires the use of low-cost catalysts. Furthermore, it requires the multidisciplinary and interdisciplinary participation of various research groups and companies. Andalusia is a Spanish region that produces 40% of the world's olive oil, with a

surface area of 1.62 million hectares. It is also the world's largest producer of table olives. This seminar will introduce the creation of the Interuniversity Institute for Biorefinery Research (I3B) as a tool for the study and development of applied research to valorize biomass. Recent works using nanostructured catalysts for biomass valorization will also be presented.