

Massimo Vighi is senior researcher in ENI Versalis Basic Chemicals and Plastics Research Centre, based in Mantua, Italy.

His activity is on the development and application of new techniques used to study structure-property relationship in multiphase polymers, to investigate catalysts and related chemical reaction mechanism, to observe structure and morphology of new “green chemistry” based materials. This involves utilizing and integrating a wide range of tools, including light and electron microscopes, hot-stage microscopy, X ray microanalysis, 3d reconstruction, image analysis.

His recent research is particularly targeted on the investigation of new raw materials coming from green sources and on catalyst deactivation studies.

He authored several scientific publications, in different fields of microscopy applied to the investigation polymer materials.