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Lectures and teachers 2020



Ferruccio Trifirò

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Profile

Ferruccio Trifirò born in Barce (Libya) on 17/6/1938 graduated in Chemical Engineering at the Polytechnic of Milan in 1963 with an experimental thesis on the polymerization of propylene with Ziegler-Natta catalysts, and a theoretical thesis on the electronic theory of catalysis applied to the synthesis of methanol and higher alcohols from synthesis gas, (which was the origin of his scientific activity), with Prof. Giulio Natta (Nobel Prize in Chemistry of 1963) as speaker and Prof. Pasquon. In November 1975 he was appointed extraordinary professor of Industrial Chemistry at the Faculty of Engineering of Cosenza, in November 1976 he was called to Bologna at the Faculty of Industrial Chemistry, always on the same chair and in November 1978 he became full professor. His main research activity has been largely in the field of heterogeneous catalysis applied to the synthesis of large intermediates with oxidation and hydrogenation processes and to a lesser extent in the field of homogeneous catalysis, environmental catalysis and the transformation of biomass into raw materials for chemistry for gasification.). He is the author of 525 scientific publications, 24 patents, three books published abroad in English in the field of oxidation processes, editor of 8 books, 17 educational reviews and has presented 402 congress communications.

In the period he was director of Chemistry and Industry, he published 160 Italian short news and editorial notes and 60 articles on technical and scientific aspects related to the chemical industry in this magazine. His research has always been characterized by a collaboration with industries and many of his scientific works are, in fact, published together with industrial researchers. A second characteristic of his research activity has been that he has always collaborated with foreign researchers, much earlier that European projects were carried out: it has, in fact, publications with French, English, Belgians, Germans, Spaniards, Swedes, and with researchers from the countries of ex-Eastern Europe (Russians, Czechoslovaks, Poles, Bulgarians and Romanians), long before the iron curtain was opened and with non-European researchers (Americans, Indians, Iranians, Egyptians, Argentines and Brazilians).

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