

ONLINE POSTGRADUATE SUMMER SCHOOL ON GREEN CHEMISTRY

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Lectures and teachers 2020



Jean-Marie LEHN

The Nobel Prize in Chemistry 1987

Lecture title: Perspectives in Chemistry: Molecular – Supramolecular – Adaptive Chemistry

Profile

Jean-Marie LEHN was born in Rosheim, France in 1939. In 1970 he became Professor of Chemistry at the Université Louis Pasteur in Strasbourg and from 1979 to 2010 he was Professor at the Collège de France in Paris. He is presently Professor at the University of Strasbourg Institute for Advanced Study (USIAS). He shared the Nobel Prize in Chemistry in 1987 for his studies on the chemical basis of "molecular recognition". Over the years his work led him to the definition of a new field of chemistry, which he has proposed calling "supramolecular chemistry" as it deals with the complex entities formed by the association of two or more chemical species held together by non-covalent intermolecular forces. Subsequently, the area developed into the chemistry of "self-organization" processes and more recently towards "adaptive chemistry", dynamic networks and complex systems. Author of over 1000 scientific publications, Lehn is a member of many academies and institutions. He has received numerous international honours and awards.

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green.chemistry@unive.it