



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

Department of Chemical Sciences

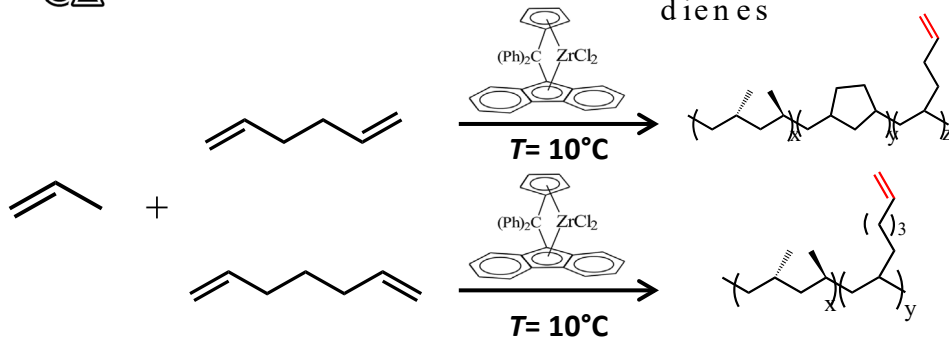
Ph.D. School in Chemical Sciences (XXXVII Cycle)



Second year activity



Synthesis of syndiotactic copolymers of propene with non-conjugated dienes



The double bonds may act either as reactive points for crosslinking or post-functionalization.

A simple strategy to introduce double bonds or various cyclic structures in the side groups or in the main chain is represented by the copolymerization of olefins with non-conjugated dienes. A way to obtain new materials with a desired degree of functionality is by choosing different types of comonomer.

Innovative functional elastomers based on syndiotactic homo and copolymers

***Ph.D. Student:
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