



PhD in CHIMICA INDUSTRIALE E INGEGNERIA

CHIMICA / INDUSTRIAL CHEMISTRY AND CHEMICAL ENGINEERING - 37th cycle

THEMATIC Research Field: STUDIO DI UN POLIMERO CON PROPRIETÀ FILMOGENE PER APPLICAZIONE IN CAMPO COSMETICO

Monthly net income of PhDscholarship (max 36 months)
€ 1325.0
In case of a change of the welfare rates during the three-year period, the amount could be modified.

Context of the research activity	
Motivation and objectives of the research in this field	There is a number of synthetic polymeric materials adopted in cosmetic. The new trend in this field (and in many others) is the development of sustainable materials. As a result the objectives of the research are both the synthesis and the development of novel sustainable polymers for cosmetic applications.
Methods and techniques that will be developed and used to carry out the research	The research will be carried out at the PRE laboratory of Polimi. Emulsion polymerization will be the preferred techniques adopted, along with poly-condensations and ring opening polymerizations
Educational objectives	Developing new skills in the synthesis of smart polymeric materials for cosmetic applications
Job opportunities	In cosmetic companies
Composition of the research group	1 Full Professors 0 Associated Professors 1 Assistant Professors 15 PhD Students
Name of the research directors	Prof. Davide Moscatelli

Contacts
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Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	564.01 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
<p>Confidentiality:</p> <p>since this is a thematic scholarship, the management of Confidential Information, Results and their publication is subordinate to the restrictions agreed upon with the funding company. Upon acceptance of the scholarship, the beneficiary must sign a specific commitment.</p> <p>Educational activities (funding for participation in courses, summer schools, workshops and conferences) - financial aid per PhD student per year:</p> <p>1st year: -</p> <p>2nd year: about 1.500 euros per student</p> <p>3rd year: about 1.500 euros per student</p> <p>Teaching assistantship: availability of funding in recognition of supporting teaching activities by the PhD student:</p> <p>There are various forms of financial of for activities of support to the teaching practice. The PhD student is encouraged to take part in these activities within the limits allowed by the regulation.</p>