

高分子科学系列讲座

高分子物理与化学国家重点实验室 中国科学院长春应用化学研究所

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报 告 人	Paola STAGNARO	职 称	Professor
从事专业	Polymer science and technology		
建 议 人	殷敬华 研究员	主 持 人	韩艳春 研究员
报告时间	10月23日上午9:00	报告地点	主楼四楼学术报告厅(410)
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出生年月	1968.7		
报告人背景	<p>Researcher at Istituto per lo Studio delle Macromolecole, ISMAC-CNR UOS Genova (from 1998). Responsible of UOS of Genova of ISMAC-CNR (from 2008). Member of the Steering Committee of the Italian Association of Macromolecules (from 2012). Visiting Researcher at Polytechnic of Grenoble (FR), University of Manchester (UK), and University of Aveiro (PT). Author of more than 70 scientific papers published in qualified International Journals</p> <p>Main research interesting: the structure-properties relationship of new olefin copolymers from metallocene catalysts and to formulation, development and study of novel multicomponent polymeric materials micro- and/or nanostructured, for automotive, food packaging, biomedical applications.</p>		
报告题目	<p>Novel polyolefin-based materials: structure-properties correlation</p>		
内 容 摘 要	<p>In the last decades metallocene catalysis has renewed the interest in polyolefin copolymers because copolymerization makes it possible to tailor specific material properties by controlling chain composition and microstructure. A systematic investigation on structure-properties relationship is presented for (i) random isotactic polypropylene (<i>i</i>-PP) copolymers and terpolymers containing 1-pentene comonomer, which develop the newly discovered trigonal form (β-form) of <i>i</i>-PP, and (ii) novel sequential ethylene/4-methyl-1-pentene copolymers synthesized in a single step from non-living single center catalysts. The flexible polyolefinic films for safer food packaging applications will also be covered.</p>		