





name of the unit:		symbol:
INSTITUTE OF POLYMER		I-33
AND DYE TECHNOLOGY		http://www.pb.p.lodz.pl
	niversity of Technology	
head of the unit:	potential promoters:	contact person:
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 new, unconventional elastomeric reactions have been forced. Co elastomeric compounds enables reducing the toxicity of typical cro- reducing the production costs of elastomer cheaper, or using used fulfillment of the above assumption cross-linking of elastomers or elast the disadvantages of the classic mode present activities: The main areas of interest and dire following issues: production of new elastomeric co agents, characteristics of cross-linking present manufactured materials, analysis of thermal properties an elastomeric materials, characteristics of the mechanical materials, 	earch directions are the production and analysis of compositions, in which intra- or interelastomer ontrolled conduct of reactions taking place in obtaining products with interesting properties, oss-linking agents by using alternative substances, of elastomeric materials (by diluting expensive rubber goods, or using natural substances). The ons is possible through unconventional methods of tomer-elastomer blends, which allow to eliminate ethod of cross-linking of elastomers.	<image/>
surface characteristics of superh Future activities:	ydrophobic elastomeric materials.	
 Modifications of selected elasto Functionalized elastomer comp Modifications of selected rubbe 	mers with natural substances leading to rubber proc ositions containing coupling agents. rs through the use of new cross-linking agents. iterials with bactericidal properties.	lucts with aromatic qualities.
Keywords:		
8	re resistance, interelastomer reactions, hydrophobic	ity
List of internship proposal in this resea		
	ces and their use as fillers of selected elastomers.	
2. Cross-linking of special elastom	ers with metal nanoxides.	
List of attachments:		