

Three Research Positions Laboratory of Nanostructural Materials Polish Academy of Sciences

Company	Polish Academy of Sciences, Institute of Coal Chemistry
Workplace	Gliwice, POLAND
Description	<p>New stimuli sensitive polymeric materials</p> <p>The project combines training of experienced researchers and transfer of knowledge based upon the research program aimed at synthesis, investigations and applications of micro- and nanostructured materials obtained from stimuli sensitive polymers.</p> <p>The interdisciplinary research program is divided into individual tasks. The synthetic polymer chemistry tasks encompass the modern methods of living/controlled polymerization of heterocyclic and vinyl monomers to polymers exhibiting stimuli sensitive behaviour. The synthesis will tailor the polymers to optimize their reaction towards stimuli, their morphology, their solution behaviour and their reactivity. Gels will be obtained and their behaviour under environmental (temperature, pH, ion strength etc) stimuli studied. Recruited experienced researchers are expected to transfer their knowledge to the researchers at host's lab while assuming co-responsibility for significant parts of the research program.</p> <p>We are seeking to recruit highly motivated scientists who have broad expertise in polymer science. Working knowledge of English is required.</p> <p>The Polish Academy of Sciences is an equal opportunity employer. Women scientists are encouraged.</p>
Background	Ph.D. in polymer science, polymer synthesis and/or characterization. Ten or more years of research experience.
Entrance upon	ASAP, April 2006, June 2006
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Conditions:	The general conditions of the Marie-Curie actions apply. See pages 43-47 of the handbook at http://europa.eu.int/comm/research/fp6/mariecurie-actions/pdf/tok_hand.pdf for details of participation and compensation.
Duration of appointment	Two months.
Email	adworak@gepard.karboch.gliwice.pl