	Scientific supervisor	
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Group webpage	http://zfnin.if.uj.edu.pl/pl/sites_groups/group_	<u>oxides.html</u>
Proposed research		
Short description (<	1000 characters)	
molecular layers on focus on scanning tu	rnship is to explore the details of the process of preparat oxide surfaces, as well as to learn the nasic experimenta unneling microscopy (STM). The issue of the morphology oplications, such as dye- sensitized solar cells.	al techniques with the / on organic adsorbates
experiments in ultra the achieving low pr clean substrates and The STM microscop	p, the candidate will have the chance to learn the rules a-high vacuum (UHV), as well as to understand the proble ressures. The candidate will also learn the preparation m d how to use create a molecular layer with the use of mo e and thermally programmed desorption TPD will the the nation of created layers	ems connected with nethods of atomically- plecular beam epitaxy.
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