

Name of the Organisation	National Technical University of Ukraine "Kiev Polytechnic Institute"
Organisation Short Name	NTUU "KPI"
Organisation Type	Education
Country	Ukraine
Fields of Activity	<p>The creation of surface nano-structural layers on products working at extreme loading conditions by methods of high energy influence and frictional treatment</p> <p>Controlled regulation of structure and phase formation processes in Ni and Cr - base multicomponent systems by high energy sources</p> <p>Formation and investigation of the solid coatings from aluminides with high hardness and fracture toughness characteristics</p>
Skills and Expertise Offered	Materials that allow operation at high temperature, materials' in-service properties, such as corrosion resistance, erosion resistance, radiation resistance, reliability and durability, ionic conductivity and mechanical properties
Keywords	Materials that allow operation at high temperature, materials' in-service properties, such as corrosion resistance, erosion resistance, radiation resistance, reliability and durability, ionic conductivity and mechanical properties
Previous FP Projects Participated	No
Topic(s) Interested	NMP.2012.2.2-3 Advanced materials for high-temperature power generation
Contact Person	Sidorenko Sergiy
Position in the Organisation	Head of Metal Physic Department
Tel	+38 044 454 91 99
Email	sidorenko@kpi.ua
URL	http://kpm.kpi.ua