

3115(R)	Technology development for production wear-resistant powder tool steels using specific treatment metal melt	The strength of the new method will be in finding new applications. The team should therefore be allowed to modify the workplan with a much higher travel budget to visit potential users and to exhibit their technology at one or two specialised trade fairs.
4381	Novel technologies in the study of IFN-alpha functional activity	The travel budget should be significantly increased to facilitate international contacts
4368	Radiation-induced recovery of nuclear materials	The travel budget should be increased, also allowing visits to the collaborating institutes
4358	Polyfunctional nanoluminophores for control and secure coding of cell materials	this excellent project needs to take account of the collaboration letters. Especially the offers of "verifying results" by Wake Forest University, "numerical simulations" by CNRS, and the "multi-user characterization facilities" by Northwestern University should be included. The workplan should be adapted also to allow the necessary travel to support for these collaborations. In addition, the workplan should be integrated with project 3795.
4307	Decondensation of telomeric heterochromatin as a protective means from Atherosclerosis	Ethical standards must be observed for the sampling
4066	Development of medical multifunctional device and new techniques for electrotherapy in various directions of medicine	The collaboration offered in the letters should be implemented in the workplan. The project should be modified to make available sufficient project funds for travelling with an emphasis on exchanges with collaborators, visiting exhibitions and attending international conferences.
4049	Propulsion Systems Using Unitary Paste-Like Fuel for Launch Vehicle Stages and Spacecrafts	The collaboration with Western partners should be implemented in the workplan. If needed, the travel budget should be increased.
3863	Phosphorylated calixarenes for selective extraction of actinides from radioactive wastes	STCU should ensure that the collaboration with ISTC Project 3405 remains a priority in the workplan. STCU should also ensure that supplies of samples to ISTC Project 3405 are treated correctly in the project accounting and double-check this with ISTC (note that project ISTC 3405 has a budget for purchase of calixarenes).
3795	Improving Multiplexed Analysis Systems for Environmental Pollution Monitoring and Medical Diagnostics Using Novel Classification Dyes	The project should benefit shared resources with project 4358. The main weakness of both projects 4358 and 3795 are the insufficient personal contacts of the scientists with the users of the novel classification dyes. The team should therefore be encouraged to rearrange the project budget and foresee a very significantly increased travel budget to visit users and specialised trade fairs, also considering to organise one or two exhibitions of their own e.g. atACHEMA or similar specialised trade fairs. The budget foreseen for travel and exhibits should be significantly higher than for average STCU projects (if the project team agrees).
3729	Automatic complex for the restoration of protective coatings for oil and gas pipelines.	Please reduce the tasks of the workplan to the analytical and design tasks, including applications for patents, to adapt to the reduced budget. The travel budget should be increased to facilitate international contacts and exchanges. We recommend that the research groups seeks an industrial sponsor to finance the prototype and the testing work.
3558	Fluorine-containing derivatives of phosphonic acid: Synthesis and application in bio- and medicinal chemistry	The collaboration with all collaborators mentioned in the proposal should be emphasised in the workplan. Additional collaborators should be encouraged. The travel budget should be increased significantly to support international exchanges of the participating scientists.