

Société de Calcul Mathématique, S. A.
Algorithmes et Optimisation



About SCM's collaboration with Donetsk National University (Ukraine)

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I just come back for a 6 days visit in Donetsk (November 15 to 21, 2007). Our collaboration with this University is now in its third year. It concerns a group of 21 students, who are in the second, third and fourth year of their studies. This collaboration was initiated by Prof. Kovalev, Director of the Institute of Applied Mathematics and Mechanics of the National Academy of Sciences of Ukraine, Donetsk. It has full support from the University, as was confirmed during all my visits.

The tasks given to these students deal with contracts we already have ; they are always of the same nature : starting from a preliminary work we have already done, they help us check, extend, improve the work, and build automatic tools for treatment. For instance, the book about reconstruction of missing data (by Olga Zeydina and myself) comes from the work of last year's group. This extended work resulted itself in new contracts, for instance with the European Environment Agency.

This year's work deals with the study of transportation systems (buses) in the frame of a contract we have with Veolia Transport.

This year's group is bigger and their English is better, so they could certainly accept more tasks. This collaboration might be of some use for all the members of the RMM program.