



### **5. Current Sponsored Research Activities**

- International grant of RFBR (N 08-01-91951) and DFG, 2008-present. (Head of the project from Russian side.)
- Grant of the Russian Foundation for Basic Research (RFBR) N 06-01-00519, 2006-present. (Head of the project.)
- Contract with Boeing International Inc. (USA), 1994-present. (Head of group from Russian side.)
- Grant of European Community within “7<sup>th</sup> Framework Program of EU” 2008-present (Leader of Working Package 1.)
- Multitude other grants in previous years.

### **6. Teaching Experience**

- Undergraduate courses in Experimental fluid mechanics at Tomsk University during eight years in 1977 - 1985.
- Graduate course "Laminar-Turbulent Transition" at Stuttgart University in 1997-98.
- Scientific supervisor of 13 Master of Sciences and 10 Philosophy Doctors at ITAM, Berlin Technical University, Stuttgart University, Novosibirsk State University, and Novosibirsk State Technical University.

### **7. Publications**

Numerous publications in Russian and non-Russian archival journals (more than 280, in total) including a book (Kachanov Y.S., Kozlov V.V., Levchenko V.Y. 1982. *Onset of Turbulence in Boundary Layers*. Novosibirsk: “Nauka” Publ.) and an article (Kachanov Y.S. Physical mechanisms of laminar-boundary-layer transition, in *Ann. Rev. Fluid Mech.*, 1994, 26: 411-482). Obtained results are cited in many hundreds of scientific papers, books, and textbooks. According to the database of the Institute for Scientific Information (USA) there are 523 references to Kachanov’s papers (the citation index) made to Kachanov’s papers by the end of 2003 in international journals published in western countries.