Professeur Temis

Main branches of scientific activity, interests and experience:
Optimal Design, FE Mathematics Simulation in Elasticity, Plasticity, Creep, Nonlinear Analysis of Engine Structures, Problems of Life-Time Prediction of High-stressed Engine Components, Problems of Static and Dynamics of Discs, Blades and other engine units.
As a specialist in the Structure Analysis from 1971 to present has took a participation in a design of a number Soviet and Russian engines. Also as a scientific supervisor has experience in a work in different projects of Structure Analysis in other areas of engineering (oil and gas pipelines, stationary turbines, etc.).
Development the special FE software for design of engines components and parts.

Awards:
2011 Association of Aviation Engines Medal named after A.M. Lulka
2010 The awards named after N.E. Zhukovsky for the book “Aviation Engines”
2007 Russian Academy of Natural Science Medal named after P.L. Kapitza for cycle publications “Material and Structures LCF and Plasticity Theory and Models”
2005 Russian Federation of Aeronautics and Space Medal named after M.V. Keldysh