

**Collaborative Call for Research Project Proposals with AIRBUS 2004  
Funded Projects**

ID-Id	Title	Role	Institution	City	Country
80-6791	Fibrous composites toughened by nano-particles for aircraft structures	CO	MIDIVAL asbl / Material's Department	Toulouse	France
		Team 01	Ecole Nationale Supérieure de Chimie de Toulouse / Centre Interuniversitaire de Recherche et d'Ingénierie des Matériaux (CIRIMAT)	Toulouse	France
		Team 02	Universität Bayreuth / Faculty of Applied Natural Sciences	Bayreuth	Germany
		Team 03	Krasnoyarsk State Technical University / Department of New Materials and Technologies, UNESCO	Krasnoyarsk	Russia
		Team 04	Altai State Technical University / Department of Information Technology and Business	Barnaul	Russia
		Team 05	Institute of Computational Modelling / Department of Engineering	Krasnoyarsk	Russia
		Team 06	Kirensky Institute of Physics SB RAS / Department of Optics	Krasnoyarsk	Russia
80-6932	Polymer nanocomposites with the addition of functionalized carbon nanotubes	CO	Szczecin University of Technology / Institute of Materials Science and Engineering	Szczecin	Poland
		Team 01	Technische Universität Hamburg-Harburg / Polymer Composites Department	Hamburg	Germany
		Team 02	Heat and Mass Transfer Institute / Laboratory of Nanoprocesses and Technologies	Minsk	Belarus
		Team 03	Institute of Problems in Chemical Physics / Functional Materials Department	Chernogolovka, Moscow region	Russia
80-6951	Simulation of welded aircraft structures (SIMWEST)	CO	Neue Materialien Bayreuth GmbH / Process Simulation Department	Bayreuth	Germany
		Team 01	Airbus UK Ltd. / Materials and Processes Department	Bristol	United Kingdom
		Team 02	EADS Deutschland GmbH / Corporate Research Center Germany	München	Germany
		Team 03	Tula Technical State University / Communication and High Technology Department	Tula	Russia
		Team 04	Kazan State University / Research Chebotarev Institute of Mathematics and Mechanics	Kazan	Russia
		Team 05	E.O.Paton Electric Welding Institute / Department of Electron Beam Welding	Kyiv	Ukraine
80-7043	Mechanisms by which the airframe noise can be controlled	CO	Office National d'Etudes et de Recherches Aérospatiales (ONERA) / CFD and Aeroacoustics Department	Chatillon	France
		Team 01	Università di Napoli "Federico II" / Department of Aeronautics	Naples	Italy
		Team 02	Central Aerohydrodynamics Institute (TsAGI) / Department of Aeroacoustics	Moscow	Russia
		Team 03	Andreev Acoustics Institute /	Moscow	Russia
		Team 04	Rostov State University / Department of Mechanics and Mathematics	Rostov-on-Don	Russia

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80-7078	<b>Real-Time Multiscale Composite System for Structural Health Monitoring of Fatigue Damage</b>	<b>CO</b>	Airbus UK Ltd. / Structures Centre of Competence	Bristol	United Kingdom
		Team 01	Fraunhofer-Institute for Nondestructive Testing (IZFP) / Branch lab for Acoustic Diagnosis and Quality	Dresden	Germany
		Team 02	G.V. Kurdyumov Institute for Metal Physics / Laboratory of Physics of Deformation Processes	Kyiv	Ukraine
		Team 03	Institute of Strength Physics and Materials Science / Department of Strength Physics	Tomsk	Russia
80-7219	<b>Holistic Strategies for Chromate-Free Surface Treatment of Aluminium</b>	<b>CO</b>	University of Manchester / School of Materials	Manchester	United Kingdom
		Team 01	Karpenko Physico-Mechanical Institute / Department of Physical and Chemical Methods of Materials Strengthening and Protection	Lviv	Ukraine
		Team 02	A.N. Frumkin Institute of Physical Chemistry and Electrochemistry / Department of Corrosion Protection of Metals	Moscow	Russia
		Team 03	Kharkov State Polytechnical University / Technical Electrochemistry Department	Kharkiv	Ukraine
		Team 04	Institute of Structural Chemistry / Chemical Research Centre	Budapest	Hungary
80-7297	<b>Vortex Dynamics</b>	<b>CO</b>	Institut Francais de Recherche pour l'Exploitation de la Mer (IFREMER) / Laboratoire de Physique des Océans UMR 6523	Brest	France
		Team 01	Centre National de la Recherche Scientifique (CNRS) / Laboratoire des Ecoulements Géophysiques et Industriels (LEIGI)	Grenoble	France
		Team 02	Politecnico di Torino / Dipartimento Ingegneria Aeronautica e Spaziale	Torino	Italy
		Team 03	Eindhoven University of Technology / Faculty of Technical Physics	Eindhoven	The Netherlands
		Team 04	University of York / Department of Mathematics	York	United Kingdom
		Team 05	Institute of Computer Science / Department of Mathematical Methods in Nonlinear Dynamics	Izhevsk	Russia
		Team 06	Taras Shevchenko National University of Kiev / Department of Theoretical and Applied Mechanics	Kyiv	Ukraine
		Team 07	Rostov State University / Department of Computational Mathematics and Mathematical Physics	Rostov-on-Don	Russia
80-7339	<b>High performance nano-structured Al alloys. Acronym: "Nanolight"</b>	<b>CO</b>	EADS Deutschland GmbH / Corporate Research Center Germany	Ottobrunn	Germany
		Team 01	Université de Technologie de Troyes / Laboratory of Mechanical System and Concurrent Engineering CNRS FRE 2917	Troyes	France
		Team 02	Ufa State Aviation Technical University / Institute of Physics of Advanced Materials	Ufa	Russia
		Team 03	Institute of Problems of Mechanical Engineering / Laboratory for Nanomaterials Mechanics	St. Petersburg	Russia
		Team 04	Ulyanovsk State University / Department of Physical Material Science	Ulyanovsk	Russia

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80-7362	Nanocomposite sliding bearings for aircraft air bleed valves	CO	Metal Forming Institute (INOP) / Powder Metallurgy Department	Poznan	Poland
		Team 01	Liebherr-Aerospace Toulouse (LTS) / Advanced Design Group	Toulouse	France
		Team 02	Kemsing Engineers Ltd. / Tribology Department	London	United Kingdom
		Team 03	Baikov Institute of Metallurgy and Materials Science / Department of wear resistant coatings and materials	Moscow	Russia
		Team 04	Powder Metallurgy Research Institute (PMRI) / Coatings Department	Minsk	Belarus
		Team 05	Moscow Institute of Electronic Technology (IMET) / Instrumentation Department	Moscow	Russia