

# Dmitry Sherbina

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Date of Birth: 04.05.1976

Position: researcher at Psychophysiology and  
Ergonomics Lab, Research Institute of Health,  
Southern Federal University, Rostov-on-Don,  
Russian Federation



## Professional skills

1. Experimental studies in psychophysiology and ergonomics.

Planning and conducting psychophysiological testing. Analysis of brain signals with methods: EEG, ERP, CNV. Development and implementation of algorithms for solving the problem of operator's current functional state handling.

2. Computer methods for physiological data analysis

Development of teaching and training materials for data analysis in the MATLAB environment. Reading courses on computer data analysis techniques. Consulting in statistics and signal processing methods. Local computer net administration.

## Education

### 1999 | master of science in biology

- diploma with excellence, Biology Faculty, Rostov State University

### 2006 | doctor of philosophy

- a degree in Human Physiology for the dissertation "Investigation of the neurophysiological mechanisms of perceptual time estimation and their role in sensorimotor integration", Rostov State University (supervisor: Kuraev GA, then Aidarkin EK)

## Work experience

1994-1996 Laboratory assistant

Compensatory Mechanisms in Extreme Conditions Lab, Kogan Research  
Institute of Neurocybernetics, Rostov State University

1998-2001 Engineer

Human and Animal Physiology Department, Biology and Soil Faculty, Rostov  
State University



2002- Researcher

Psychophysiology and Ergonomics Lab, Education and Research Institute of Health, Southern Federal University

2008- Researcher

Compensatory Mechanisms in Extreme Conditions Lab, Kogan Research Institute of Neurocybernetics, Southern Federal University

### Other experience

1997-1998 Translator from English for an American organization.

2005- Member of the Educational Board of Human and Animal Physiology Department

2008- IT Director, Education and Research Institute of Health, SFedU

### Miscellanea

Married. No children.

Member of the I. P. Pavlov Russian Physiology Society.

One of authors of invention "The method of the student's attention level estimation during computer testing" (RU2341183).

Aquaristic fan.

List of publication see at <http://sherdim.rsu.ru/publications>