

## **Center for Collective Usage «Southern Center of Modern Spectroscopy»**

### **Information**

The Southern Center of Modern Spectroscopy possess the modern scientific equipment for realization a complete research cycle from theoretical scientific modeling to studying the structure and characteristics of all types of condensed medium (from organic compound liquors and nanoparticles to spatially-heterogeneous polycrystalline and metamaterials).

Some of the center`s general aims:

- The implementation of the international projects including internships for foreign scientists, exchange programs and joint research projects.
- Full spectrum and analytical support of the Russian Science Foundation projects, the Russian Foundation for Basic Research grants, fundamental studies carried out in various research institutes and universities of the Southern Federal District in the field of basic and applied research of the environmental objects and synthesized compounds using modern physical and chemical methods;
- Support of academic activity for bachelors, masters, postgraduates and doctoral students of the Southern Federal University, conducting studies in the sphere of basic science and the applied tasks solution.