



International School on Earth Sciences (I.S.E.S)

Odessa (Ukraine) September 2-7, 2005

Summary

The International School on Earth Sciences (I.S.E.S) has been held in Odessa (Ukraine), on September 2-7, 2005. The School was sponsored by Working Group on Mineral Equilibria at International Mineralogical Association and organized by both the Department of Petrology, Moscow State University (MSU Russia) and the Department of General and Marine Geology at Odessa National University (ONU, Ukraine).

A special Internet site <http://ises.iem.ac.ru> has been established in the course of organization of the School. This site concentrates all necessary information on Program and accommodation for all participants of the School.

More than 20 young scientists, PhD and undergraduate students from MSU, ONU, St. Petersburg and Irkutsk Universities attended the I.S.E.S. in order to learn from Adult lecturers new ideas and approaches in Petrology and Geodynamics. Some workers from Russian and Ukrainian Academies of Sciences also took part in the I.S.E.S. with the aim to expand their knowledge in nowadays profile of the Science.

The following ten lectures given by leading Russian Scientists covered a wide spectrum of problems in petrology of metamorphic and magmatic rocks in connection to geodynamic processes:

1. Perchuk L.L. Thermal and dynamic history of deep-seated metamorphic complexes recorded in local mineral equilibria.
2. Plechev P.Yu. Magmatism of Oceans.
3. Perchuk A.L., Gerya V. Dynamic aspects of high-pressure metamorphism.
4. Sazonova L.V., Feldman V.I., Kozlov V. High-pressure and high-temperature minerals formed under impact metamorphism (experimental and natural data).
5. Safonov G. Phase relationships in potassium-rich systems at pressures 3.5-7 GP.
6. Simakov S. Garnet- pyroxene and pyroxene barometry for mantle xenoliths.
7. Plechev P.Yu. Modern methods of studies of volcanic rocks.
8. Perchuk L.L. Theoretical background of doctrine on mineral equilibria.
9. Sazonova L.V. The result of collision of cosmic clusters with the Earth: astroblems and impactites.
10. Perchuk A.L. Methods of studies of rates of metamorphic process.

The attendance of the School by young people from Russia and Ukraine suggests its International status, while the positive experience that has been got by organizers appeared to be useful for attracting both the students and lecturers from other countries.

Prof. Leonid L. Perchuk
the I.S.E.S. Chief

Assoc. Prof. Vladimir N. Kadurin
the I.S.E.S. coordinator
Assoc. Prof. Olexandr V. Chepizhko
the I.S.E.S. coordinator