This Institute offers the study of natural sciences – physics, chemistry, and biology. Key areas of research for the institute include condensed state physics, physics of magnetic phenomena, molecular physics, stellar astronomy, biology, chemistry of solids, physical chemistry of macromolecules, ecology. The Research Institute for Physics and Applied Mathematics, an integral part of the INS, provides a broad range of scientific research.
4-year program includes both theoretical and practical courses in evoluzional morphology of vertebrata, evoluzional ecology, biochro-chronology and biostratigraphy of Quaternary, and researches for PhD thesis.

The candidate should have a knowledge in zoology or Quater- nary geology, and molecular genetics.

Field research in different parts of the Urals and Siberia.

Evolutionary ecology; morphological evolution of mammals; Quaternary biochronology and biostratigraphy; phylogeography; evolutionary studies based on both palaeontological and neontological approaches.

Borodin A. Opredelitel' zubov polevok Urala i Zapadnoy Sibiri (Pozdny pleistozen-sovremennost [A Diagnostik Guide to Teeth of Arvicolines of the Urals and Western Siberia (Late Pleistocene-Modern Time)]) Ural Branch of the Russian Academy of Sciences Publishing, Yekaterinburg (in Russian)


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