

SUPPLEMENT 3
TO THE CALL FOR PAPERS
38TH OTDK
Physics, Earth Sciences and Mathematics Section

Physics

1. Materials science
2. Astrophysics
3. Nuclear physics
4. Particle physics, field theories
5. Bio- and biological physics
6. Astronomy
7. History of physics
8. Classic physical problems
9. Physics of complex systems
10. Environmental physics
11. Quantum optics
12. Modern quantum physics problems
13. Laser physics
14. Nanostructures
15. Heavy-ion physics
16. Optics
17. Plasma physics
18. Reactor physics
19. Statistical physics
20. Solid state physics
21. Interesting physics problems, new solving methods

Earth Sciences

1. Earth and geographic applications of environmental science
2. Applied earth science
3. Archaeometry
4. Mineralogy
5. Geology, sedimentology
6. Earth science issues in engineering applications
7. Geophysics
8. Geoinformatics
9. Geomorphology
10. Hydrogeology, hydrogeography
11. Karst research
12. Professional investigation of environmentally sound practices
13. Igneous and metamorphic petrology
14. Renewable energy sources
15. Meteorology, Climatology
16. Paleontology
17. Planetology
18. Archaeological Geology
19. Professional heritage
20. Landscape geography
21. Remote sensing
22. Cartography
23. Nature conservation
24. History of science

Mathematics

1. Algebra
2. Applied mathematics
3. Analysis
4. Theoretical computer science
5. Geometry and topology
6. Set theory and logic
7. Combinatorics
8. History of mathematics
9. Multidisciplinary mathematics
10. Operations research
11. Number theory
12. Statistics
13. Probability calculation
14. Interesting mathematical problems, novel solution methods

Social geography

1. General social geography
2. Economic geography
3. Environment and society
4. Population geography
5. Political geography
6. Social geography
7. Settlement geography
8. Geography of spatial and urban development
9. Historical geography
10. History of science
11. Tourism geography
12. Socio-geographical aspects of sustainability
13. Interesting issues in geography and earth science, novel approaches