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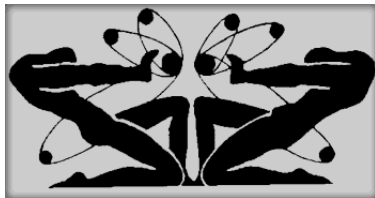
NATO
Physical and Engineering Science
& Technology Program
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Registration and Abstract Submission

Interested candidates should submit
abstracts on-line at
www.nato-arw.donbass.com

Deadline is
April 30, 2004.

Please submit the housing reservation online
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Nanostructured Materials by High-Pressure Severe Plastic Deformation

September 22-26, 2004

Donetsk, Ukraine

Nano
HP
SPD



www.nato-arw.donbass.com

Hotel "Stariy zamok"
Shevchenko Street
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OBJECTIVE

To provide a forum for discussing the high-pressure effect on the formation of nanostructures in materials processed by severe plastic deformation (SPD). Development of new SPD techniques for large-scale, commercial production, and the commercial applications of these nanostructured materials in medical, aerospace, sport, and transportation industries will also be part of this workshop.

TOPICS

- Advanced SPD technologies
- Microstructural evolution
- Physical and mechanical properties
- Modeling

SCOPE

- 1) To review our current knowledge on the high pressure effect on the nanostructure and properties of SPD-processed materials.
- 2) To identify issues with SPD processing under high pressure for future research and development.
- 3) To discuss the development of high-pressure SPD technologies for commercial production of nanostructured materials.
- 4) To identify applications and future markets of SPD-processed nanostructured materials.

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