

# Call for Abstracts

## NanoSpace 2001: Exploring Interdisciplinary Frontiers

*The International Conference on Integrated Nano/Micro Technology for Space and Biomedical Applications*

The National Aeronautics and Space Administration (NASA) is pleased to announce the fourth conference devoted to nano/micro technologies for space and biomedical applications. NanoSpace 2001: Exploring Interdisciplinary Frontiers will be held from March 13 to 16, 2001, at the Moody Gardens Hotel in Galveston, Texas. We invite all interested parties from NASA, the medical and scientific community, industry and commercial interests, other government agencies, academia, and the national laboratories to join us. A diverse attendance ensures that NanoSpace 2001 is the best possible showcase of the latest advancements in this revolutionary field.

The NanoSpace 2001 conference centers upon four different, often interdisciplinary, themes as related to nano/micro technology research and development:

- **Space Applications.** As in previous years, NanoSpace 2001 recognizes the importance of nano/micro technology on space applications such as nanoelectronics, nanoscale materials research, sensors, and MicroElectroMechanical Systems (MEMS).
- **Applications for Biomedical Research and Treatment.** This year's conference once again includes nano/micro scale applications for biomedical research and treatment, such as biocomputing, biosensors, chemical laboratories, and medical imaging/treatment, a topic area introduced with great success for the first time last year.
- **Risk Assessment and System Modeling.** As research and development in nano/micro technology continues to evolve, newly emergent issues include risk, safety, reliability, and quality assurance. NanoSpace 2001 addresses these issues and the impact they have upon the field and its future growth.
- **Technology Commercialization.** Due to vital interest in the NASA community and many others, a new area of focus this year will be on technology commercialization, including technology transfer and development, marketing, and intellectual property issues.

The first three conference days will feature a morning plenary speaker or panel, followed by concurrent sessions in the four themes listed above. The fourth and final day will commence with a plenary session, followed by two panel discussions in nano/micro technology and biomedical applications. In addition to the plenary and technical sessions, a poster session will be held and exhibits will be on display throughout the conference. This conference provides an unprecedented opportunity for interaction between technology developers and users.

Abstracts on relevant nano/micro technologies research and development should be text only and no more than 250 words in length. Proceedings will be published on CD-ROM, so selected abstracts will be highlighted with a short paper by the presenter. Please identify whether you are submitting an abstract for presentation or poster session. Abstracts should be sent in electronic form (MS Word or ASCII file) to [nicodemus@systems.org](mailto:nicodemus@systems.org).

**November 10, 2000, is the deadline for receipt of abstracts**

For more information, please contact:

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Or visit our website at <http://www.nanospace.systems.org> for continued conference updates.