

I Deas Tmg Thermal Analysis

34th Aerospace Mechanisms Symposium
The Engineers' Digest
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AIAA 28th Thermophysics Conference: 93-2840 - 93-2886
39th AIAA Aerospace Sciences Meeting and Exhibit
Scientific Detectors for Astronomy 2005
Thermal-distortion Analysis of an Antenna Strongback for Geostationary High-frequency Microwave Applications
7th Aiaa/Asme Joint Thermophysics and Heat Transfer Conference
I THERM Supercollider 4
Space Technology and Applications International Forum - STAIF 2005
CIRP Annals
ASME Technical Papers
Datapro Directory of Microcomputer Software Automation 2004
IEEE Industry Application Conference
Heat Transfer 1990: General papers
Modeling, Systems Engineering, and Project Management for Astronomy II
Eleventh IEEE/CHMT International Electronics Manufacturing Technology Symposium
NASA Conference Publication
4th International Symposium of Space Optical Instruments and Applications
Thermal-distortion Analysis of a Spacecraft Box Truss in Geostationary Orbit
Proceedings of the Eighth Annual Thermal and Fluids Analysis Workshop: Spacecraft Analysis and Design
Proceedings of the ASME Heat Transfer Division--2005
33rd Aerospace Sciences Meeting & Exhibit
International Aerospace Abstracts
AIAA 90-1670 - AIAA 90-1699
The Magnetosphere Imager Mission Concept Definition Study
Spacecraft Thermal Control Handbook: Fundamental technologies
A collection of technical papers
Modeling and Systems Engineering for Astronomy
Paper
NASA Technical Paper
Proceedings of the ASME Heat Transfer Division I-DEAS Master Series
Twenty-fourth AIAA International Communication Satellite Systems Conference
New Scientist
Proceedings of the ASME Turbo Expo
Pre-integrated Structures for Space Station Freedom
Advances in Cryogenic Engineering

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ITHERM

This book gathers selected and expanded contributions presented at the 4th Symposium on Space Optical Instruments and Applications, which was held in Delft, the Netherlands, on October 16–18, 2017. This conference series is organized by the Sino-Holland Space Optical Instruments Laboratory, a cooperative platform between China and the Netherlands. The symposium focused on key technological problems regarding optical instruments and their applications in a space context. It covered the latest developments, experiments and results on the theory, instrumentation and applications of space optics. The book is split into five main sections: The first covers optical remote sensing system design, the second focuses on advanced optical system design, and the third addresses remote sensor calibration and measurement. Remote sensing data processing and information extraction are then presented, followed by a final section on remote sensing data applications.

Supercollider 4

Space Technology and Applications International Forum - STAIF 2005

CIRP Annals

ASME Technical Papers

Datapro Directory of Microcomputer Software

Automation

2004 IEEE Industry Application Conference

The International Cryogenic Materials Conference covers cryogenic magnetic materials, structural materials, non-metallic materials, materials testing, mechanical properties of materials used in cryogenic applications, and low, high, and intermediate -temperature superconductors. Detailed room and low temperature properties of cryogenic functional materials, physical and mechanical properties of metallic and non-metallic materials and performance of insulation materials upon irradiation are provided in this Proceedings. Processing, fabrication, and electromagnetic properties of conventional low-temperature, high-temperature, and magnesium diboride superconductors are also presented. Topics include: cryogenic functional materials; cryogenic materials testing; physical and mechanical properties at cryogenic temperatures; non-metallic materials-properties; non-metallic materials-insulation; Nb-Ti conductors; Nb₃Sn conductors; Nb₃Al conductors; MgB₂ conductors; HTS bulk conductors; BSCCO conductors; HTS coated conductors; HTS electronics and thin film; stability and AC loss; HTS prototype devices; and HTS stability and training of magnets.

Heat Transfer 1990: General papers

Modeling, Systems Engineering, and Project Management for Astronomy II

Eleventh IEEE/CHMT International Electronics Manufacturing Technology Symposium

NASA Conference Publication

Proceedings of SPIE present the original research papers presented at SPIE conferences and other high-quality conferences in the broad-ranging fields of optics and photonics. These books provide prompt access to the latest innovations in research and technology in their respective fields. Proceedings of SPIE are among the most cited references in patent literature.

4th International Symposium of Space Optical Instruments and Applications

The proceedings of STAIF-05 feature a broad spectrum of topics on space science and technology, space exploration, space colonization; advanced propulsion concepts; space nuclear power and propulsion systems technologies; thermophysics in microgravity, advanced energy conversion technologies; next generation space transportation; high temperature materials; and high power electric propulsion. These topics span the range from basic research to the recent technology advances and hardware testing.

Thermal-distortion Analysis of a Spacecraft Box Truss in Geostationary Orbit

The 2005 meeting in Taormina, Italy was attended by 127 professionals who develop and use the highest quality detectors for wavelengths from x-ray to sub-mm, with emphasis on optical and infrared detectors. The meeting consisted of overview talks, technical presentations, poster sessions and roundtable discussions. These proceedings capture the technical content and the spirit of the 2005 workshop. The 87 papers cover a wide range of detector technologies including CCDs, CMOS, APDs, and sub-mm detectors. There are papers on observatory status and plans, special applications, detector testing and characterization, and electronics. A special feature of these proceedings is the inclusion of pedagogical overview papers, which were written by teams of leading experts from different institutions. These proceedings are appropriate for a range of expertise levels, from undergraduates to professionals working in the field. The information presented in this book will serve as a valuable reference for many years to come. This workshop was organized by the Scientific Workshop Factory, Inc. and

the INAF- Osservatorio Astrofisico di Catania.

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The Magnetosphere Imager Mission Concept Definition Study

The fourth annual International Industrial Symposium on the Super Collider, rrssc held March 4-6, 1992, in New Orleans was a great success. Present at this year's conference were 839 attendees representing 24 universities and colleges, 34 states, 13 countries, 17 national laboratories, 11 research centers, many government entities at the local, state and federal levels, and 235 businesses and companies. This year's symposium also included 101 exhibits by 78 organizations. In all categories, this year's participation exceeded the totals of previous years and is an example of the growing support for the Superconducting Super Collider Program. This year's program had many highlights. One of the best was a message from President George Bush, read by Linda Stuntz, Acting Deputy Secretary, Department of Energy. President Bush said that each of us "can be proud of the role that you are playing in building the Collider and in setting the stage for a new era of research and discovery in high energy physics. " The 1992 IISSC's theme was "SSC-Discovering the Future. " This theme

was chosen in commemoration of the 500th anniversary of Columbus's voyage of discovery and the relationship of the SSC with discovery. This theme was articulated by all the speakers in the opening plenary session. Progress on the program was also very evident at this year's symposium. In the pictorial session, 66 photographs from all over the world were displayed to highlight progress in making the SSC a reality.

Spacecraft Thermal Control Handbook: Fundamental technologies

A collection of technical papers

Modeling and Systems Engineering for Astronomy

Annotation This is a revised and updated of (1994) and has been expanded to discuss interplanetary spacecraft as well as Earth- orbiting satellites. The work is presented as a compendium of corporate knowledge in the field of thermal control of uncrewed spacecraft and was written for thermal engineers of a range of experience levels. After discussing general issues and historical design approaches chapters examine current thermal control hardware, the thermal design and testing process, and emerging thermal technologies. Annotation c. Book News, Inc., Portland, OR (booknews.com).

Paper

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