Call for Papers

Composite Structures Specialists' Meeting

The American Helicopter Society is sponsoring an international symposium to be held in Philadelphia on 23-25 March 1983. This meeting will embrace defense agency and NASA national goals and anticipated benefits from the use of composite materials for helicopters and vertical- and short-takeoff-and-landing aircraft. Papers for presentation are solicited in the following disciplines:

- System concepts and design
- Component design
- Materials properties and selection
- Analytical methodology and fracture mechanics
- Testing
- Tooling and fabrication
- Quality assurance techniques
- Reliability and maintainability
- Survivability and vulnerability
- Environmental criteria and effects

Abstracts of 250 to 500 words are due 1 September 1982, and should outline the subject matter to be covered (including figures) and unique problems and solutions, verify timely availability of back-up data to be used, and include author(s) name, affiliation, business address, and telephone number. Authors should also indicate whether the paper treats new subject matter or material that has been the basis for previous papers or currently planned papers.

Abstracts and related inquiries should be addressed to the Technical Chairman: Don Hoffstedt, Manager, Advanced Structures Technology, Boeing Vertol Company, P.O. Box 16858, Mail Stop P30-22, Philadelphia, PA 19142 (212-522-7575/7162).

Second U.S.-Japan Conference on Composite Materials

The Second U.S.-Japan Conference on Composite Materials will be held 6-8 June 1983 at the NASA-Langley Research Center in Hampton, VA; Dr. J. R. Vinson of the University of Delaware will serve as chairman. This conference will deal with the mechanics, mechanical properties, processing science and technology, and applications of composite materials. Papers are invited dealing with these general topics, as well as related specific topics such as:

1. Composite material development, processing science, and fiber technology,
2. Design and fabrication of composite structures and materials,
3. Analytical modeling of composite materials, properties, and structural behavior,
4. Experimental characterization of composite materials,
5. Experimental characterization of strength, stiffness, and life of composite specimens and structures, and
6. Destructive and nondestructive investigative and testing methods.

The deadline for receipt of 500-word abstracts is 1 September 1982. Abstracts should be prepared on standard ASTM submittal forms and sent to Ms. Kathy Greene, American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103 (215-299-5414).
Calendar on Composites

25-28 Oct. 1982
Fourth International Conference on Composite Materials
Tokyo, Japan
Contact: Prof. T. Hayashi
c/o Japan Society for Composite Materials
Business Center for Academic Societies Japan
2-4-16, Yayoi, Bunkyo-ku, Tokyo 113, Japan

10-12 Nov. 1982
Technical Conference on Polyimides: Synthesis, Characterization, and Applications
Ellenville, NY
Contact: Dr. K. L. Mittal
IBM Corporation, Bldg. 300-40E, Hopewell Junction, NY 12533 (914-897-6630)

14-19 Nov. 1982
ASME Winter Annual Meeting
Phoenix, AZ
Contact: American Society of Mechanical Engineers
United Engineering Center, 345 East 47th Street, New York, NY 10017

13 Dec. 1982
Symposium on Effects of Defects in Composite Materials
San Francisco, CA
Contact: Kathy Greene
ASTM, 1916 Race St., Philadelphia, PA 19103 (215-299-5414)

15-17 Dec. 1982
ASTM-ASME-ASM-SAE Symposium on Multiaxial Fatigue
San Francisco, CA
Contact: Kathy Greene
ASTM, 1916 Race Street, Philadelphia, PA 19103 (215-299-5414)

7-11 Feb. 1983
Annual Reinforced Plastics/Composites Institute Conference
Houston, TX
Contact: Mr. Joseph S. McDermott
The Society of the Plastics Industry, Inc.
355 Lexington Ave., New York City, NY 10017 (212-573-9400)

23-25 March 1983
Composite Structures Specialists’ Meeting of the American Helicopter Society
Philadelphia, PA
Contact: Don Hoffstedt
Advanced Structures Technology, Boeing Vertol Company
P.O. Box 16858, Mail Stop P30-22, Philadelphia, PA 19142
(212-522-7575, ext. 7162)

12-14 April 1983
28th National SAMPE Symposium and Exhibition
Anaheim, CA
Contact: Marge Smith
SAMPE, P.O. Box 613, Azusa, CA 91702 (213-334-1810)

6-8 June 1983
Second U.S.-Japan Conference on Composite Materials
NASA-Langley Research Center, Hampton, VA
Contact: Kathy Greene
ASTM, 1916 Race Street, Philadelphia, PA 19103 (215-299-5414)

14-15 September 1983
Testing, Evaluation, and Quality Control of Composites
Surrey University, Guildford, England
Contact: Tim Feest
IPC Science and Technology Press, Guilford, Surrey, GU2 5SH, England