

## Kostas Peimanidis

President and Managing Director, European Center of Advanced Technologies (EUCAT SA), Greece. Position held from 1991 to present.

Materials Scientist - Manager of Composites and Adhesives Section, L. J. Broutman and Associates Ltd., U.S.A. Principal duties included industrial consulting, research and development, failure analysis, forensic investigation, litigation support, product testing and design, quality assurance and performance evaluation and on-site investigations and testing June 1987 - 1991.

Research Engineer for Dr. I. M. Daniel, Northwestern University - Center for Quality Engineering and Failure Prevention, U.S.A. Study for safety design and functioning of products under accelerated ageing conditions. Projects undertaken also involved non-destructive evaluation of residual stresses induced in composites during fabrication. May 1986 - June 1987.

Research Assistant for Dr. I. Daniel (Director of Mechanics of Solids lab, Illinois Institute of Technology, U.S.A.).

High strain rate performance evaluation of advanced graphite/epoxy composite under the influence of moisture and high temperatures. May 1985 - May 1986.



### EDUCATION

Master of Science in Theoretical and Applied Mechanics. Northwestern University, Evanston Illinois 60201. Graduation with High Honors, June 1987. Thesis: "Environmental and Rate Effects on Composite Materials".

Bachelor of Science in Mechanical Engineering. Illinois Institute of Technology (IIT), Chicago Illinois 60616. Graduation with High Honors, May 1985.

### HONORS AND ACTIVITIES

Professional Engineer, State of Illinois, USA P.E. Reg.No 062-046196.

Professional Engineer, Greece P.E. Reg. No 61380.

INGENIEUR EUROPEEN, EUR ING. No. 20858EL.

IRCA Registered Lead Auditor No A010717.

Auditor for the hellenic Accreditation Organization.

Founder Member of the American Society for Composites.

Member of Quality Forum, American Society for Testing and Materials (ASTM), American Society of Mechanical Engineers (ASME), Society of Automotive Engineers (SAE), Society for the Advancement of Material and Process Engineering (SAMPE), American Society for Materials (ASM), European Association for Composite Materials (EACM), PTS (Honorary Mechanical Engineering Fraternity), TBP (National Engineering Honor Society), European Society for Composites, Society of Experimental Mechanics (SEM) Chicago Chapter - President 1989-90, Treasurer 1988-89, Secretary 1987-88. Fellowship, Northwestern University 1986 - 87.

Dean's list, Illinois Institute of Technology 1981- 85.

### SEMINARS/GUEST SPEAKER

- Quality Management in Laboratories, ISO 9000, EN 45000 or ISO 17025? 2nd National Conference of Hellenic Association for Non Destructive Testing. Bolos, Greece June 17, 2000.
- Approved instructor for Auditor/Lead Auditor Course for ISO 9000 Quality Systems, for Alan A. Griffin & Associates, IRCA registered course No A2155.
- Approved instructor for Auditor/Lead Auditor Course for ISO 9000 Quality Systems, for CMC International, IRCA registered course No A12396.
- "ISO 9000 and Quality Assurance", Preveza Textiles SA. December 1995.
- Product Design, National Chamber of Greece. November 1995
- "ISO 9000 and Quality Control", Textiles Association, Athens Greece, April, 1995.
- ISO 9000, European Sponsored Research Programs. February 26-27, 1994, ATLEC Forum, Vouliagmeni, Greece.
- ISO 9000 and Product Liability - Examples of Product Failures. February 16, 1994 Technical Chamber of Greece.
- Product Conception and Design. November 1993, Technical Educational Institute, Athens Greece.
- ELKEPA, Athens Greece. Quality Assurance - Failure Analysis - Product Liability. July 1993.
- ONon Destructive Examination TechniquesO. June 10, 1993. Technical Chamber of Greece.

- Applications of Modern Experimental Mechanics. May 31 - June 1, 1993. Demokritus Research Center, Ag. Paraskevi, Greece.
- Plastics Design And Analysis Seminar. September 24-25, 1988 Chicago, Illinois.
- Mechanical Behavior and Service Life of Plastics. February 13-15, 1989 Chicago, IL.
- Mechanical Behavior and Service Life of Plastics. December 11-12, 1989 Philadelphia, PA.
- Mechanical Behavior and Service Life of Plastics. November 5-6, 1990 Montreal, Canada.
- Alcoa Inc, Philadelphia, PA.. "Experimental Stress Analysis", Oct 24 - 25, 1990.
- Illinois Institute of Technology, Chicago IL "Experimental Techniques for Composites Characterization", March 1990.
- Northwestern University, Evanston IL. "Composite Material Industrial Applications - Product Liability", July 1989.
- Northwestern University, "Composite Material Industrial Applications - Product Liability", July 1989.