

# **WILLIAM I. KIPP**

Former...

**IoPP Certified Packaging Professional CPP, College of Fellows Member  
ISTA Certified Packaging Laboratory Professional**

## **Professional Résumé — Through Retirement in March 2011**

### **Experience**

48 years of professional experience, including:

- United Technology Corporation, 1963 to 1966 — rocket propulsion systems instrumentation.
- IBM Corporation, 1966 and 1967 — computer system reliability/suitability testing.
- Monterey Research Laboratory, 1967 to 1971 — engineering and design of mechanical dynamic test systems applied to MIL-Spec, electronics, auto safety, and product/package testing.
- Lansmont Corporation — co-founded in 1971. Lansmont manufactures shock, vibration, drop, and compression systems for product and package testing, and instruments for the field recording of transportation/distribution data. At various times managed Engineering, Production, Customer Service, Laboratory Operations, Education and Training, Marketing, and Sales. Designed Lansmont's early machine control systems (dual-hoist synchronization for shock machines, tape-driven random vibration controller, the industry's first microprocessor-based compression tester), and was development project manager for the original SAVER — Shock and Vibration Environment Recorder — now the flagship of the company's very popular line of field data recorders. Left Lansmont to found W. I. Kipp Company, transport packaging dynamics consultant, in October 2001.
- ISTA (International Safe Transit Association), 2001 to 2010 — under a consulting/contracting arrangement, served as Associate Executive Director (Technical), responsible for test method development, technical support to members, technical education content and presentation, staff resource, and administration related to technical activities. Contributed significantly to many ISTA test procedures over the years. Most recent activities included team leadership and sole authoring of ISTA Projects 3B, 3J, and 6-SAMSClub.
- W. I. Kipp Company — Left ISTA in May 2010 to resume independent consulting activities. Retired in March 2011.

## **Education**

Bachelor of Science, Electrical Engineering, Stanford University, 1962.

## **Technical Societies and Activities (when active)**

- ASTM International, Committee D-10 on Packaging, member beginning 1970, various Task Group and Subcommittee responsibilities, past chairman of subcommittee D10.15 (Fragility Assessment) and past co-chair of subcommittee D10.16 (Instrumentation). Frequent contributor to ASTM D4169, "Performance Testing for Shipping Containers" and other ASTM methods related to dynamic testing and instrumentation.
- IoPP (Institute of Packaging Professionals), member since inception of the Institute and member of the predecessor organization. Certified Packaging Professional (CPP), member of the College of Fellows.
- ISTA (International Safe Transit Association), member, recipient of first R. David LeButt award for outstanding performance in packaging education. Certified Packaging Laboratory Professional (CPLP), highest level.
- IAPRI (International Association of Packaging Research Institutes), member, frequent presenter, lead participant in the Distribution Working Group.
- Member of Editorial Board, Journal of Packaging Technology and Science, Wiley InterScience, UK.
- Member of San Jose State University Packaging Program Advisory Board. Representative to the Michigan State University School of Packaging "Consortium of Distribution Packaging Research".

## **Presentations and Publications (selected representative examples)**

- ISTA Field Data Workshops, 2008 to 2010 in the U.S. and Europe — "Data Acquisition Requirements", "From Vibration Field Recordings to Laboratory Simulations", and "Analysis of Field Shock/Drop Data and Creation of Laboratory Tests".
- IAPRI Conference 2008, Bangkok Thailand — "Random Vibration Testing Of Packaged-Products: Considerations For Methodology Improvement".
- IAPRI Symposium 2007, Windsor, U.K. "European Express Shipping Drop/Impact Studies".
- First Philippine Conference on Transport Packaging, 2007 — "Fundamentals of Transport Packaging", "Transport Packaging: Putting the Puzzle Together", and "Laboratory Performance Testing of Packaged-Products".
- Commercial Paper, 2006 "Vibration Data Collection: A Road Worth Traveling?"

- TEST Engineering and Management magazine — August/September 2005 issue, "Not So Fast - The Limits of Accelerated Testing".
- Medical device packaging conferences — presentations at MD&M West, January 2005 (Anaheim); Healthpack, March 2005 (San Antonio); MD&M East, June 2005 (New York City).
- IDS-Packaging 2004 Conference (Online) — "Packaged-Product Laboratory Testing to Control Distribution Damage, Packaging Costs, and Environmental Impacts".
- Parcel Shipping and Distribution Magazine, February 2004 — "Good to Go! Ensuring Your Parcels' Survivability".
- Packaging Services Expo — presentation at the May 2005 conference track "Testing, Distribution, and Quality Control".
- Packaging Technology and Science magazine (U.K.), 2003 — "Developments in Testing Products for Distribution".
- International Safe Transit Association — Presentations at the annual technical Conferences since 1999 regarding test techniques, instrumentation, data analysis, and various applications. Featured presentations at ISTA Field Data Workshops in the U.S. (2008, 2009) and in Germany (2010). Presentation at ISTA Europe 2000 (London) and 2002 (Amsterdam). Presentations at ISTA China Symposia 2005 - 2009. Regular articles in quarterly "Preshipment Testing" and "ISTA Views" newsletters and monthly iNews electronic newsletter. Content administrator and teacher of ISTA's "Certified Packaging Laboratory Professional (CPLP)" program since 2002.
- IoPP -- Presentations at annual technical Conferences relating to testing and instrumentation. Several articles in Institute publications.
- San Jose State University — Presenter at bi-annual industry packaging seminars, 1998-2002.
- Rochester Institute of Technology — guest lecturer for the Executive Leader (Master's degree) program, 1995-1999.
- Seminars and Workshops — over 250 presentations for Lansmont customers, ISTA educational events, University classes, IoPP courses, and various other organizations in the U.S. and overseas.