

TOPIC 5: Packaging for distribution of goods

Eduardo Molina	VIRGINIA TECH	Modeling fiber-based insulated shipping containers to protect thermally sensitive products	USA
Marta Garrido	ITENE	Measurement and analysis of truck vibration levels in logistic Spain distribution to simulate package testing	Spain
Mojtaba Safari	MICHIGAN STATE UNIVERSITY	Dynamic Analysis of Package Stability Subjected to Horizontal and Vertical Movement	USA
Vincent Rouillard	VICTORIA UNIVERSITY	Characterisation of road transport vehicles vibration response spectra for laboratory simulation	Australia
Charles Tissandie	UNIVERSITÉ DE TOULOUSE	Transfer of load in corrugated cardboard boxes study with using system of Digital Image Correlation	France
Nikolaos Lengas	BAM	Drop test simulation of packaging for dangerous goods: Investigation of appropriate drop height adjustment	Germany
Jay Singh	CAL POLY STATE UNIVERSITY	Optimizing Packaging: Bridging the Gap Between Lab Testing and Real-World Distribution Challenges	USA
Gregory Batt	CLEMSON UNIVERSITY	The Effect of Packaging Types on Fresh Peaches in the Direct-To-Consumer Distribution Environment	USA
Mary Paz Álvarez	VIRGINIA TECH	Finite Element Modeling of Plastic Pails when Interacting with Wooden Pallets	USA
Anja Geburtig	BAM	Combined impact of UV radiation and nitric acid (HNO ₃) on HDPE jerrycans – comparison of outdoor and lab test	Germany



Amin Joodaky	MICHIGAN STATE UNIVERSITY	Impact of transportation vibration on apple bruising	USA
Laszlo Horvath	VIRGINIA TECH	Investigation of the maximum allowable pallet deflection during material handling by industrial forklifts	USA
Kevin Smith	PFA	A synopsis of major truck accidents in United States attributed to packaging and cargo securement	USA
Cristina Angulo	UNIVERSIDAD DE MONTERREY	Food design methodology for packaging development	México
Brian O'Banion	ISTA	ISTA distribution environment data collection program - Europe and China	USA
Alexandra Cid	EMBALAJES CAPSA S.L.	Advancing Sustainable Supply Chains: Capsa 2in1® Success at MediaMarkt	Spain
Zhi-Wei Wang	JINAN UNIVERSITY	Coupling model of cargo - vehicle transport system and its dynamic response generated by road unevenness and bulge	China
Saewhan Kim	VIRGINIA TECH	Measurement and Analysis of Shock Events Experienced by Packages in the Parcel Supply Chain in South Korea	USA
Péter Böröcz	SZÉCHENYI ISTVÁN UNIVERSITY	Measurement and Analysis of Drops in Parcel Delivery Service in the Function of Package Weights and Sizes in Europe	Hungary
James Gibert	PURDUE	The Application of a Triboelectric Energy Harvester in the Packaged Product Vibration Environment	USA

