

## TOPIC 3: Packaging design and development

Francisco José Sánchez	AIDIMME	Development of a sustainable cushioning system for packaging with improved shock attenuation characteristics	Spain
Roger Cusa	SANOPACK INNOVATION	Reimagining Environmental Communication Strategies: A Paradigm Shift for Sustainable Consumption	Spain
Andrey Charkovskiy	SIEGWERK GROUP HOLDING AG & CO. KG	Introducing Deinking of Plastic Packaging: Understanding the Roles of Print Structure, Deinking Chemistry and Process	Germany
Cong Tang	KYIV NATIONAL UNIVERSITY	Cross-modal exploration: the effect of packaging size on hedonic and functional food evaluations	China
Anton Hagman	RISE	The influence of perforation on the edge crush resistance of E-flute corrugated board	Sweden
Natalia Lumby	TORONTO METROPOLITAN UNIVERSITY	Exploring Consumer Perceptions and Preferences towards Refillable Packaging Systems	Canada
Jean Baptiste Nolot	UNIVERSITE DE REIMS CHAMPAGNE-ARDENNE	Experimental study on damping characteristics of spiral paper ring system	France
Ana Mendes	UNIVERSIDADE CATÓLICA PORTUGUESA	Influence of morphology on functional activity and performance of ZnO NP for application in food packaging	Portugal
Daniel Cáceres	INSTITUTO TECNOLÓGICO DE ARAGÓN	Numerical approximation for estimating cushioning properties throughout the E-commerce packaging design process	Spain
Paul Singh	PFA	A Review of Design Patents in Packaging and the Applicable US Law	USA



<b>Kate Liu</b>	<b>UNIVERSITY OF WISCONSIN STOUT</b>	Mushroom Mycelium Foam Cushioning Properties in Protective Packaging Application	USA
<b>Euihark Lee</b>	<b>MICHIGAN STATE UNIVERSITY</b>	A Comprehensive Evaluation of Box Compression Strength (BCS) Features using Artificial Neural Network (ANN)	USA
<b>Andrew Hurley</b>	<b>CLEMSON</b>	Enhancing Package Ergonomics for Arthritis Consumers: A Case Study	USA
<b>Enrique de la Cruz</b>	<b>SAFE LOAD</b>	Evaluating the accuracy of EUMOS testing in simulating real-world load failures and deformations during road transport	Spain
<b>Irene Carbonell</b>	<b>CAL POLY</b>	Effect of Field-Specific Design Heuristics in Packaging Systems Ideation	USA
<b>Nanci Castanha</b>	<b>CETEA/ ITAL</b>	A new design to improve the recycling of flexible multilayer packages for meat products	Brazil
<b>Dagmar Tjalsma</b>	<b>UNIVERSITY OF TWENTE</b>	An Experimental Study on Closure Diameters of Child-Resistant Packaging for Patients with Rheumatic Disorders	Netherlands
<b>Kiyomi Sedamoto</b>	<b>SHONAN UNIVERSITY OF MEDICAL SCIENCE</b>	Potential of new design bottle type drug container and patients' preference	Japan
<b>Gustav Marin</b>	<b>RESEARCH INSTITUTES OF SWEDEN</b>	Using FE analysis to evaluate the package performance of five geometries	Sweden
<b>Dulce Valeria Astorga</b>	<b>UNIVERSIDAD DE MONTERREY</b>	URU, senior-friendly packaging: Addressing discrimination towards the elderly in water bottle packaging	México
<b>Roland Ten Klooster</b>	<b>UNIVERSITY OF TWENTE</b>	A sustainable evolution in packaging design education at the University of Twente	Netherlands



**Jan Pech**      **INVITE GMBH**      Modeling of Moisture Uptake in Sustainable Blister Packs      Germany

**Matt Daum**      **MICHIGAN STATE UNIVERSITY**      Investing for the future: MSU's commitment to research      USA

**Walter Turci**      **INNOTECH-GRUPO LANTERO**      Sustainable packaging solutions for the food industry      Spain

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