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503rd Conference

Scientific Program

Proceedings of

2nd International Conference on

Food & Beverage Packaging

June 13-14, 2016 Rome, Italy



Conference Series LLC

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HALL-3

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09:30-10:00

Opening Ceremony

Keynote Forum

- 10:00-10:05 **Introduction**
- 10:05-10:35 **Title: Application of nanotechnology in food packaging system**
Hyun Jin Park, College of Life Science & Biotechnology, Korea University, Korea
- 10:35-11:05 **Title: Food design, novel ingredients and new packaging strategies: The next challenge for the food chemist**
Marco Arlorio, University of Eastern Piedmont, Italy

Networking & Refreshment Break 11:05-11:20 @ Foyer

Group Photo

Symposium

- 11:20-11:45 **Title: Developments in active and intelligent food packaging**
Maria Margarida Cortez Vieira, University of Algarve, Portugal
- 11:45-13:00 **Workshop on "Chemical Migration and Food Contact Materials"**
Session Chair: Proestos Charalampos, National and Kapodistrian University of Athens, Greece
- 11:45-12:10 **Title: Scientific facts for developing a new EFSA guidance for the safety assessment of a substance to be used in food contact materials**
Anna Federica Castoldi, EFSA, Italy
- 12:10-12:35 **Title: Food contact materials as source of chemical food contaminants**
Jane Muncke, Food Packaging Forum Foundation, Switzerland
- 12:35-13:00 **Title: Migration of metals in canned foods. Case study: Sn, Pb, Cd determination**
Proestos Charalampos, National and Kapodistrian University of Athens, Greece

Lunch Break 13:00-13:45 @ Restaurant

Oral Session: 01

Track 1: Importance of Food Packaging

Track 2: Food Packaging Testing

Track 3: Novel Food Packaging technologies

Track 4: Food and Beverage Packaging Machinery

Track 5: Packaging Tools

Track 6: Nanotechnology in Food Packaging

Session Chair: Siripong Malasri, Christian Brothers University, USA

Session Co-Chair: Marco Arlorio, University of Eastern Piedmont, Italy

Session Introduction

- 13:45-14:10 **Title: Application of nanotechnology to food packaging**
Maria Rubino, Michigan State University, USA
- 14:10-14:35 **Title: The influence of packaging on the chemical evolution of white wine as a function of the operating conditions adopted during storage**
Angela Zinnai, University of Pisa, Italy
- 14:35-15:00 **Title: Behavior of silver nanoparticles in food simulants for migration tests**
Maryam Jokar, DTU, Denmark
- 15:00-15:25 **Title: The influence of packaging on the sensorial evolution of white wine as a function of the operating conditions adopted during storage**
Chiara Sanmartin, University of Pisa, Italy
- 15:25-15:50 **Title: Antimicrobial films based on polyvinyl alcohol and hydroxypropyl- β -cyclodextrin for the prolonged release of sodium benzoate for potential food packaging application**
Stephanie Degoutin, University of Lille, France

Networking & Refreshment Break 15:50-16:05 @ Foyer

- 16:05-16:30** Title: **Smartphone controlled system to monitor and record the presence of oxygen in Modified Atmosphere Packaging (MAP) food products**
Gearóid O'Laighin, National University of Ireland, Ireland
- 16:30-16:55** Title: **Macro, micro and molecular characterizations of microcrystalline cellulose and hydrocolloid composite films**
Nathdanai Harnkarnsujarit, Kasetsart University, Thailand
- 16:55-17:20** Title: **Tradition and innovation in packaging of cereals and cereal products**
Francesca Melini, Council for Agricultural Research and Economics, Italy
- 17:20-17:45** Title: **Nonmechanical properties of matrix film polylactic acid and polyethylene glycol 400 blend**
Kurniawan Yuniarto, University of Mataram, Indonesia

Panel Discussions

Day 2 June 14, 2016

HALL-3

Keynote Forum

- 10:00-10:30** Title: **Consumer trends foresight becoming reality: Case examples from food packaging**
Petri Vasara, Pöyry Management Consulting, Finland
- 10:30-11:00** Title: **Development of biodegradable films based on blue corn flour with potential applications in food packaging**
Cecilia Rojas de Gante, Tecnológico de Monterrey, Mexico

Networking & Refreshments Break 11:00-11:15 @ Foyer

Special Session

- 11:15-11:45** Title: **International safe transit association (ISTA) lab, people, and packaged product certifications**
Siripong Malasri, Christian Brothers University, USA

Oral Session: 02

Track 7: Emerging Trends in Food Packaging

Track 8: Cost-Effective Packaging Innovation

Track 9: Consumer Trends in Food Packaging

Track 10: Food Packaging Industry Scenario in Italy

Track 11: Market Differentiation: Growing and Mature

Track 12: Future of Innovation: Bio-based Packaging

Session Chair: Hyun Jin Park, College of Life Science & Biotechnology, Korea University, Korea

Session Co-Chair: Gearóid O'Laighin, National university of Ireland, Ireland

Session Introduction

- 11:45-12:10** Title: **Development of anti-insect food packaging materials containing encapsulated essential oils at a pilot plant scale**
Jaejoon Han, Korea University, Korea
- 12:10-12:35** Title: **Green packaging & green tea: A solution already industrially achievable and future developments**
Osvaldo Bosetti, Goglio Spa, Italy
- 12:35-13:00** Title: **Innovative packaging solution for traditional dairy products**
Tanweer Alam, Indian Institute of Packaging, India

Lunch Break 13:00-13:45 @ Restaurant

- 13:45-14:10** Title: **Design and development of suitable packaging materials for fresh and processed food products in a tropical environment**
Sakirdeen Abidemi Ajani, Federal Institute of Industrial Research Oshodi, Nigeria
- 14:10-14:35** Title: **Moisture sorption thermodynamics properties and shelf life stability of salted tropical freshwater catfish**
Bibiana Dooshima Igbabul, University of Agriculture Makurdi, Nigeria

Young Researchers Forum

- 14:35-14:50** Title: **Effect of unacceptable quality rotogravure printing process on increasing the food waste application on polypropylene printing process**
Ahmed Adel Mohamed Zaki, Helwan Univeristy, Egypt
- 14:50-15:05** Title: **An empirical study exploring reusable packaging attributes**
Ahmed Babader, Saudi Packaging for Research and Technologies (SPRT), UAE
- 15:05-15:20** Title: **Characterization of electrospun nanofibers encapsulating the antifungal agent natamycin**
Ana Carolina Ritter, UFRGS, Brazil
- 15:20-15:35** Title: **Migration model from plastic food contact materials into simulant for fermented food**
Daeun Lee, KIST Europe, Germany
- 15:35-15:50** Title: **Effect of the printing remedies and lamination techniques on barrier properties "WVTR and OTR value" for polypropylene film**
Yahya Ibrahim Mohamed Khalifa, Helwan Univeristy, Egypt

Networking & Refreshment Break 15:50-16:05 @ Foyer

- 16:05-16:20** Title: **The effect of flexographic printing plate micro patterning on the visual appearance of solid areas printed on flexible packaging materials**
Tamer Ali Abdelmageed Khaleel, Helwan Univeristy, Egypt
- 16:20-16:35** Title: **Effect of nanoparticles on the release of lactic acid and surfactant from poly(lactic acid)-bionanocomposites**
Fabiola Iñiguez-Franco, Michigan State University, USA
- 16:35-16:50** Title: **Methodical considerations for the determination of the seal strength for flexible packages**
Marta Asturias, Martin-Luther University Halle Wittenberg, Germany
- 16:50-17:05** Title: **Application of shellac as a coating material in shelf life enhancement of grapes**
Neha Yadav, Guru Jambheshwar University of Science & Technology, India

Poster Presentation 17:05-17:35

Poster Judge: Chiara Sanmartin, University of Pisa, Italy

- FP-101** Title: **Water vapor properties of edible packaging based on native starches from improved cassava varieties in Côte d'Ivoire**
Adjouman Yao Desire, Universite de Liège Gembloux Agro-Bio Tech, Belgium
- FP-102** Title: **Development of a colorimetric pH sensing film using an agar/potato starch with anthocyanins extracted from purple sweet potato**
Inyoung Choi, Korea University, Republic of Korea
- FP-103** Title: **Study on the containers and packaging of natural materials**
Kyung Su Park, Korea Institute of Science and Technology, Korea
- FP-104** Title: **Cellulose nanocrystals from coffee silverskin in polylactic acid-based nanocomposite films through extrusion process**
Soo Hyun Sung, Korea University, Korea
- FP-105** Title: **Edible packaging films from Yuba**
Yookyung Kim, Korea University, Korea
- FP-106** Title: **Antimicrobial properties of bacterial cell-free supernatants exhibiting lysozyme activity for potential use in food packaging**
Misook Kim, Dankook University, Korea

Awards Ceremony



Bookmark your dates

4th International Conference on

Food & Beverage Packaging

May 04-06, 2017 Dubai, UAE

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