



FOAMS[®] 2017



15th International Conference on Advances in Foam Materials & Technology

CONFERENCE, TUTORIAL & EXHIBITION
OCTOBER 9-12 - BAYREUTH, GERMANY

POSTERS

Foam Morphology and Cell Density of Cellulose Acetate Boards Foamed with Carbon Dioxide as Physical Blowing Agent and Ethanol as Co-blowing Agent

Robert Breuer (RWTH Aachen)

Fast Gas Chromatography – Mass Spectrometry Method for the Separation of Nitrogen, Oxygen, Carbon Dioxide, Cyclopentane and Argon and its Application in Analysis of PU Foam Aging

Anastasiia Galakhova (Montanuniversität Leoben)

Injection-moulding of Microcellular Nitrogen/poly(butylene succinate) Bio-based Foam: Processing Conditions/foam Structure/flexural Properties Relationship

Nazim Ykhlef (French Institute for Biobased Materials)

Regenerated Cellulose Fibers as Filler in PP for Improved Foam Injection Molding

Claudia Pretschuh (Kompetenzzentrum Holz GmbH, Linz)

Low-Density Extrusion Foaming of Flame Resistant PET

Christian Bethke (Universität Bayreuth)

Formulated Silicone Blends and Their Influences on Foaming Behavior with CO₂

Thibaud Métivier (Université Lyon)

Development of Lightweight Engineering Plastics Foams with High Mechanical Properties by Using Hydrophobic Modified Cellulose Nanofiber and Controlling Cell Morphologies

Akihiro Ito (Kyoto Municipal Institute of Industrial Technology and Culture)

Chemical Foam Extrusion: Impact of the Material Formulation on the Cell Morphology

Matthias Walluch (Polymer Competence Center Leoben GmbH)

Preparation of High Expansion Microcellular Polypropylene/Cellulose Nanofiber Composite Foams Using a Core-back Foam Injection Molding

Masahiro Oshima (Kyoto University)



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Polymer Foam Creating from PMMA and Methanol - A Way Towards Understanding Cell Size Control

Angelika Beinert (University of Cambridge)

High Thermal Stability Open-Cell Foam for Fast Remediation of Produced Water and Oil Spills

Pavani Cherukupally (University of Toronto)

Effect of the Amount of Block-Copolymer on the Density and Cellular Structure of Nanocellular Polymers Based on PMMA/MAM Blends

Victoria Bernardo García (University of Valladolid)

Foams with Enhanced Ductility and Impact Behaviour Based on Polypropylene Composites

Santiago Muñoz Pascual (University of Valladolid)

Synthesis, Properties and Kinetic Study of Rigid Polyurethane Foams Obtained From Poly(propylene oxide) Polyols Functionalized with Graphene Oxide

Mercedes Santiago-Calvo (University of Valladolid)

A New Apparatus for the Synthesis of Thermosetting Polyurethane Foams with CO₂ as Physical Blowing Agent

Mario Rosaria Di Caprio (University of Naples)

Extrusion Foaming of Poly(lactic acid) Using Different Type Chemical Blowing Agents

Katalin Litauszki (University of Budapest)

Chemical Foaming of a Cellulose Fibres / PP Compound in Injection Molding

Peter Lehner (Kompetenzzentrum Holz GmbH, Linz)

Controlled Foaming in a Hot Press of Flat and Large Parts of Nanocellular PMMA

Judith Martin de Leon (University of Valladolid)



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Effect of CO₂-loading and Nucleating Agents on the Foaming Characteristics of PLA

Judith Janowski (Ruhr-University Bochum)

Low Density Extrusion Foaming of Polypropylene PTFE Nanofibrils

Alireza Tabatabaei Naeini (University of Toronto)

Electrically Conductive Foams Made from Graphene Template

Deepthi Varghese (University of Connecticut)

Low Density Open Cell Flexible Foams with Tunable Tortuosities: Mechanical Behavior at Low and High Strain Rates

Eduardo Lopez-Gonzalez (University of Valladolid)

Controlling Cellular Structure and Surface Quality in Foam Injection Molding - Innovative Core-back Mold for Research

Mike Tromm (Universität Kassel)

The Effect of Chain Topological Structure on the Crystallization, Rheological Behavior and Foaming Foamability of TPEE Using Supercritical CO₂ as a Blowing Agent

Jiang Rui (China University of Science and Technology)

Correlations Between Injection Molding and Welding of Microcellular Materials

Erik Brückner (University Chemnitz)

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