

Ulrich GIESE & Irina WEILERT – DEUTSCHES INSTITUT FÜR KAUSCHUKTENOLOGIE (DIK)

« *Nanofibrillated cellulose as a special type of renewable material as filler for lightweight elastomers* »

Philippe ZINCK – UCCS – UNIVERSITÉ DE LILLE

« *Biobased synthetic rubbers and TPEs based on Myrcene* »

Michel DORGET – CTTM / GUATECS

« *Towards a European Guayule Rubber Supply Chain!* »

Carine LEFÈVRE – XATICO BENELUX FRANCE

« *Improving the processing properties of SBR-Silica Compounds by the addition of Neuburg Siliceous Earth* »

Céline BOTTIER – CIRAD

« *An overview of CIRAD and partners' research activities to address the question of the variability of latex and natural rubber quality* »

Kim FLAIG – J. RETTENMAIER & SÖHNE

« *ARBOCEL® natural cellulose fibers for sustainable rubber composites* »

Michel DORGET – CTTM / GUATECS

« *Towards a European Dandelion Rubber Supply Chain!* »

Élodie MICHEL – LEFRANT RUBCO

« *Factice, a bio-based additive for Rubber* »

Kamyar ALAVI – NYNAS

« *The Best of Two Worlds: Conventional and Hybrid Renewable Naphthenic Oils as Plasticisers for Rubber Materials* »

Runguo WANG – BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY

« *Design and Preparation of Functionalized Bio-based Elastomer from Itaconic Acid* »

Brigitte LAQUIEZE – ACADÉMIE D'AGRICULTURE DE FRANCE

« *Societal acceptability of technological innovations: What future for plastics and rubber?* »

Laina GUO – HUTCHINSON CRI

« *Rubber Reinforcement by in-situ generated non isocyanate polyurethane (NiPU) for lightweighting* »

Gilles MELI – IMERYS

« *Imerys technical mineral fillers for reduced environment impact in rubber applications* »

Morten NORMANN-FYHN – DANISH TECHNOLOGICAL INSTITUTE

« *Method for efficient characterization and quantification of micro-rubber in storm water using Raman-spectroscopy* »

Arnaud PIPERS – SILOX

« *Non eco-toxic zinc activator for rubber to provide sustainable and environmental-friendly materials* »

Carole CHARBUILLET – ENSAM

« *Ecodesign: as solution to control environmental impacts of polymers through their entire Life Cycle?* »

Claire JACQUET-LASSUS – APESA

« *How to face the challenges of the ecological transition by integrating environmental impact measures, eco-design and eco-innovation?* »

Isabelle YARZABAL – MLPC INTERNATIONAL

« *MLPC = Safer solutions for curing system* »

Rodrigo DIAZ VARGAS – REP INTERNATIONAL

« *HSM Process, a rubber recycling solution* »

Marie MANGAVEL – HUTCHINSON CRI

« *Environmental challenges related to silicone rubber processability* »

Frank PAPPAS – ACE PRODUCTS & CONSULTING

« *Improving Physical Properties of Rubber Compounds Containing Recycled Materials and Devulcanized Rubber with the Aid of Reactive Mixing and Process Aids* »

Pieter SAMYN – HASSELT UNIVERSITY

« *Evaluating the processing properties of natural rubber composites for paper coating applications* »

Ranvir VIRDI – ROBINSON BROTHERS

« *Improving the cure performance of ultra accelerators using a new thiazole free, nitrosamine safe delayed action curative* »

Rémi DETERRE – UNIVERSITÉ DE NANTES

« *Energy consumption and quality-productivity compromise in rubber molding* »

Timo GEBAUER – SIGMA ENGINEERING

« *Modelling of reversion effects in injection molding processes* »

Properties & Environmental Impact Performances

Fernando MARTÍN SALAMANCA – INSTITUTO DE CIENCIA Y TECNOLOGÍA DE POLÍMEROS
« *Influence of network structure in rubber elasticity* »

Andreas KAISER – ARLANXEO DEUTSCHLAND
« *Levapren[®] NPG - a functional EVM as impact modifier in bio-degradable thermoplastic materials* »

Sahbi ALOUI – NETZSCH GERÄTEBAU
« *Which additional information does the simultaneous dynamic-mechanical and dielectric analysis provide to improve understanding of the behavior of elastomeric materials during application?* »

Gökçe BAKİLER – ERENLİ SAÇ PROFİL KAUÇUK VE PLASTİK
« *Basalt Fiber Reinforced EPDM Composites- Rheological and Mechanical Properties* »

James BODEN – UNIVERSITY OF BATH
« *Understanding the effect on crosslinking on the self-healing ability of epoxidised natural rubber (ENR)* »

Franziska KIRSCH - FRAUNHOFER INSTITUTE FOR STRUCTURAL DURABILITY AND SYSTEM RELIABILITY LBF
« *Influence of formulation and processing conditions on network structure, material properties and lifetime under dynamic load of sulfur cross-linked NR/BR* »

Juan LOPEZ-VALENTIN – INSTITUTO DE CIENCIA Y TECNOLOGÍA DE POLÍMEROS
« *New insights in the structure-property relationships of CNT-Rubber* »

Rodrigo NAVARRO-CRESPO – INSTITUTO DE CIENCIA Y TECNOLOGÍA DE POLÍMEROS
« *Thermo-reversible supramolecular polyurethanes based on PCL with self-healing behaviour* »

Applications & Use

Maurice CARFANTAN & Sophie RICHET – PSA GROUPE

« *Environmental and regulatory issues on rubber and TPE materials applied to the automotive industry - PSA expectations and needs* »

Serge BOUVIER – DUPONT

« *Ethylene Acrylate Elastomers – A Perfect Fit for Requirements in E-Mobility* »

Olivier DEFRAIN – TOTAL CRAY VALLEY

« *Damping Materials based on Liquid Polybutadienes: Structure-Property Relationships* »

Éric CHAUVIGNÉ – CHEMOURS INTERNATIONAL OPERATIONS

« *A new fluoroelastomer precompound for improved durability in the most demanding turbocharger hose applications* »

Varun THAKUR – DOW EUROPE

« *Development of EPDM rubber compounds to enable automotive light-weighting* »

Florian DIEHL – UPM GMBH

« *New generation of renewable functional fillers for automotive light-weight applications* »

Yusuf GÜNER – STANDARD PROFIL

« *Improvement of Low Dense EPDM Based Compound for Sealing System for Vehicles* »

Janis KARL – FRENCH-GERMAN RESEARCH INSTITUTE OF SAINT-LOUIS

« *Development of a novel rubber compound as damping interlayer in light-weight armor applications* »

Pilar POSADAS – INSTITUTO DE CIENCIA Y TECNOLOGÍA DE POLÍMEROS

« *New insights into Silica-reinforced tire tread compounds based on carboxylated styrene butadiene rubber* »

Matthieu WOLFF – REP INTERNATIONAL

« *Application: Fuel cell stacks gaskets molding in automatic* »

Ruhi PATEL – UNIVERSITY OF CAMBRIDGE & QUEEN MARY UNIVERSITY OF LONDON

« *The heart valve: On the cusp of a durable polymeric replacement* »

End of Life of Rubbers

Li JIA – THE UNIVERSITY OF AKRON

« *Problems and Solutions of Ground Rubber Recycling* »

Jacques W. M. NOORDERMEER – UNIVERSITY OF TWENTE

« *Feasibility of Real De-vulcanization for Elastomer Products* »

Nicolas CANDAU – CENTRE CATALÀ DEL PLÀSTIC

« *A multi-instrumented device to study the mechanical devulcanization of rubber as a recycling process* »

James Robert INNES – UNIVERSITY OF BRADFORD

« *Optimising the revulcanization of solid-state shear milled (S3M) rubber* »

Vitaly KHUSIDMAN – G3C TECHNOLOGIES CORPORATION

« *G3C process gives new life to pyrolysis plants* »

Pamela PASETTO – UNIVERSITÉ DU MANS

« *End of life Tyres - an alternative to devulcanization to obtain a new raw material* »

Roberto PÉREZ-APARICIO – SIGNUS ECOVALOR

« *Advanced characterization of recycled rubber from end-of-life tyres* »

Shin SATO - TOTTORI UNIVERSITY OF ENVIRONMENTAL STUDIES

« *Evaluation of microbial behavior of wood rotting fungi for recycle of rubber wastes* »

Nicolas SCHÜWER – TYRE RECYCLING SOLUTIONS

« *Recycling end-of-life tyres into high-performance materials through innovative valorization methods* »

Erick SHARP – ACE PRODUCTS & CONSULTING

« *Evaluation of devulcanized and reclaimed HCR silicone rubber* »

Izaak WATSON – MARTIN'S RUBBER COMPANY

« *Pushing the boundaries of recycled rubber content in high performance elastomers* »

Robert WEIBOLD – WEIBOLD

« *Challenges, trends and opportunities for end-of-life tires from a French perspective* »