

EUROPE RUBBER TRAINING WEEK 2018

8-12 October 2018, Strassbourg, FRANCE

Venue: Novotel Strasbourg Centre Halles

Rubber Compounding Technology

8-9 October 2018

Trainer : Dr. Hans-Joachim Graf
REGISTRATION FEE: 950 € / Person
Includes: Rubber & Tire Tech Handbook

Rubber Compound Properties & Rheology

11 October 2018

Trainer: Henri Burhin
REGISTRATION FEE: 850 € / Person

Rubber Injection Molding

12 October 2018

Trainer : Dr. Hans-Joachim Graf
REGISTRATION FEE: 850 € / Person
Includes "Rubber Injection Molding" Book

Compound Formulation Optimization : Case Studies

10 October 2018

Trainer : Dr. Hans-Joachim Graf
REGISTRATION FEE: 1200 € / Person
Includes: Book "Cost Reduction in Rubber
Processing" & "Graf Compounder"
Software

Adhesive Technology for Rubber Products

11 October 2018

Trainer: Juergen Finter
REGISTRATION FEE: 850 € / Person



Language: ENGLISH
Agenda: 09.00-17.00 hrs

Organizer

Media Partners

TECHNOBIZ

Rubber & Tire
DIGEST

RubberWorld

COURSE CONTENTS

Rubber Compounding Technology

- Natural & Synthetic Rubber: Types & Selection
- Rubber Processing Chemicals: Types & Selection
- Formula Design Considerations
- Rubber Mixing Equipment
- Oil/Filler and Its Effect on Performance
- Rubber Vulcanization & Crosslinking
- Ingredient Property Relations
- Troubleshooting of Compounding Problems

Rubber Compound Formulation: Optimization & Case Studies

- Recipe Development Methods
- Design of Experiments Principles
- Compound Formulation Case Studies
- Compound to Performance and Cost
- Cost Reduction in Compounding

Rubber Compound Properties & Rheology

- Polymer Description & Rheological Properties.
- Steady Shear Testing.
- Dynamic Mechanical Analysis.
- Effect of Processing Measurement Conditions
- Effect of Material Characteristics
- Effect of Strain
- Nonlinear Visco-Elasticity
- Good Testing Practices

Adhesive Technology for Rubber Products

- Adhesion & Adhesion Theories
- Adhesive Forces in Bonded Joints
- Structure & Classification of Adhesives
- Important Reactive Adhesives
- Physically Setting Adhesives
- Surfaces, Surface Treatment, Surface Preparation
- Processing & Applications

Rubber Injection Molding

- Introduction to Molding of Rubber
- Compounds for Injection Molding
- Rubber Injection Molding Machine
- Assessment of an Injection Molding Machine
- Injection Molding Process
- Troubleshooting in Rubber Injection Molding
- Injection Mold Design
- Developments in Injection Molding

TRAINERS

Dr. Hans-Joachim Graf

- 35+ years Experience in Rubber Processing
- Area of Expertise: Compounding, Injection Molding, Extrusion & TPE
- Awarded with Erich-Konrad Medal by German Rubber Society
- Work Experience : DESMA, RheinChemie, CooperStandard, WOCO etc
- Ph.D in Polymer Chemistry & Holds 15 Patents

Henry Burhin

- 30+ years Experience in Rubber Testing
- Area of Expertise: Polymer Testing with Elastic Property Measurements
- Work Experience : Monsanto, Alpha Technologies, Dynisco, TA Instruments
- Graduate in Chemistry & Holds 2 Patents

Juergen Finter

- 30+ years Experience in Industrial Research & Development
- Area of Expertise: Adhesive Systems, Composites and Photopolymer Systems
- Work Experience: Ciba, Sika Technology
- Ph.D in Polymer Science

How to Register:

Please download registration form at www.rubber-industry.org and send the filled form to technobiz.europe@gmail.com .

Venue:

Novotel Strasbourg Centre Halles
Quai Kleber 67000 STRASBOURG FRANCE
Tel: (+33)3/88215050 Fax: (+33)3/88215051

EarlyBird / Group Registration:

- *Early Bird Registration* : 10% discount for the registrations before 31 July 2018 & 5% Discount for the registrations before 30 August 2018
- *Group Registration*: 10% discount for a group of 3 or more delegates for the same program from the same organization.

Contact Address

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