

NRC 2010 Program

Tampere 10.-11.6.2010

Thursday 10.6.2010 Hotel Rosendahl

Material Innovations (SESSION A)

Chairman: Riitta Tempakka, Jorma Mäkinen

13:00 Wellcome; Matti Salo
Key Notes; Vesa Vihavainen, CEO Teknikum Oy
13:30 Plenary Session; Dr. Michael Kessler, Weber & Schaefer; **Trends in Natural Rubber - Modified Grades**

14:00 Peter Gustafsson ;Wacker; Silicone Rubber, Future material for today's applications

14:30 Gosé van Zandvoort; DSM Elastomers; Ultra low viscosity Polymeric Additives

15:00 Coffee break

15:30 Dr. Gerd Schmaucks; Elkem AS, Silikon Materials; Special Low Surface Silica as Filler in Fluoroelastomers

16:00 Dr. R. Roja Wall; Momentive Performance Materials; High transparency liquid silicone rubbers and anti-microbial silicone range to enter the consumer and healthcare markets

16:30 Christine Van Bellingen; Timcal Graphite & Carbon; Speciality Carbons for Making Electrically and/or Thermally Conductive Rubber

17:00 Ulrika Hoonk; SER Wax Industry, The use of waxes aimed for the rubber industry

17:30

19:00 Coctails at Town Hall (Raathuone)

20-23:30 Social meeting/Ziberia (Siperia)

Tyre Technology (SESSION B)

Chairman: Hanna Peltonen, Henrikki Honkanen

Henrik Marits, Nynäs AB; Market view on global tyre oil - alternative to DAE

Jürgen Trimbach, H&R Group; How oil monolecules can influence to tyre properties

Coffee break

Vincent Siebes, Tejin Aramid; Using Sulfron to Create Durable and Eco-friendly Tyres

Stijn Himpe, NV Bekaert SA, Evolution in steel cord reinforcement for tires

Dr. Oliver Klockmann; Evonik Degussa GmbH; "Reinforcing fillers for the new EU regulations on rolling resistance"

Alex Lucassen; Lanxess
SSBR and Poly Butadiene, micro and macro structures as building stones for compound properties

Friday 11.6.2010 Hotel Rosendahl

Environment and Recycling (SESSION C)

Chairman: Matti Salo, Aino-Riitta Joutsen

8:30 Anita Hendricks; Rubber Resources, B:V; Best practice in Rubber Recycling

9:00 Dr Dietmar Hoff; RheinChemie
Replacement of DPG in rubber industry

9:30 Mr. Jean-Louis Picard; REP International; Reduction of the Vulcanization Time on REP rubber injection presses thanks to TurboCure.

10:00 Ing. Rudolf Eisenhuber; Maplan Maschinen
Environmental saving in industrial production
Rubber injection moulding - New technologies

10:30 Coffee break

11:00 Ko Arts; Tejin Aramids; Tejin Aramid enhancing properties in rubber applications

11:30 Jyri Kyyrö; VTT; Biomaterials from wood for rubber compounds

12:00 Plenary session; Matti Morri; Nokian Tyres Ltd

12:30 Closing Remarks

12:40 Lunch

13:45-17:00 Excursion: Nokian Tyres Test Track

Testing and Processing (SESSION D)

Chairman: Bo Thörn, Grethe Hartviksen

Bo Thörn; Evonik Norcarb AB; Non-dispersible matter by mechanical flushing (NDM)

Dr. Jochen Kroll; Lanxess TRP; An analytical Method for the Description of linear visco-elastic Polymer Behaviour: Applications, Benefits and Limitations

Mr. Laurent Perier; 01dB-Metravib; Fatigue testing and crack growth analysis of rubber compounds

Dr. Wilma Diekers; University Twente; Overcoming incompatibility problems of silica-elastomers blends by tailored filler surfaces

Coffee break

N.N; Maris; Reclaim, Extruder

New EU tyre regulations; Tuija Aro, Nokian Tyres plc

Nordic Winter Tyre Technology