Sustainable flame retardancy for textiles and related materials based on nanoparticles substituting conventional chemicals

COST MP1105 WORKSHOP

Flame retardant functionalization of textiles in industrial wet-chemical processes

10.00 – 17.00 hrs, Friday 5th October 2012
Venue: University of Twente, Enschede, The Netherlands
Horstring building #21, room Z-203

The highlighting key points
- Conventional flame retardants to be applied in industrial wet-chemical processes
- New nanobased flame retardants, their perspectives and application fields
- Requirements for new products

Programme

09.30 – 10.00 Welcome and coffee
10.00 – 10.30 Bridging the gap between academic textile flame retardant research and industrial application
Richard Horrocks, Research and Innovation University of Bolton, UK
10.30 – 11.00 Fire retardancy of polypropylene non-woven: Influence of the fireproofing methods
Sophie Duquesne, Ecole Nationale Supérieure de Chimie de Lille, France
11.00 – 11.30 Zeolite in flame retardant finishing of cotton fabrics
Ana Marija Grancaric, University of Zagreb, Croatia
11.30 – 11.50 Coffee
11.50 – 12.20 Clarant flame retardants for textile: overview and future needs
Pascal Steffanut and Michael Schuhmann, Clariant, Switzerland
12.20 – 12.50 Use of a flame retardant masterbatch for polyester: a credible alternative to phosphorinated copolymer?
Xavier Almeras, Devan Chemicals, Belgium
12.50 – 13.30 Lunch
13.30 – 14.00 Progress to more sustainable flame retardant textile treatments at ICL-IP
Rudi Borms, ICL Industrial Products, Netherlands
14.00 – 14.30 Electrospinning of Nanofibres: A novel technology for obtaining flame retardant materials - a review of recent developments
Erich Kny, CEST GmbH, Austria
14.30 – 16.30 Round table discussion with coffee
16.30 Closing remarks

www.flaretex.eu
Travel information

... by airplane

The air connections to Amsterdam airport: numerous direct flights between Amsterdam and major European airports. From the airport to the University: a direct train to Enschede (2 hrs)
http://www.ns.nl/en/travellers/home

... by car

From the A1 motorway, take A35 motorway towards Enschede. Then take exit no. 26 Enschede-West/Universiteit. Follow the signs Universiteit. If you use a navigation system, navigate to Drienerlolaan 5 in Enschede, Netherlands.
http://www.utwente.nl/en/contact/route/

Hotel information

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<tr>
<th>Hotel Name</th>
<th>Address</th>
<th>Rate</th>
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<tbody>
<tr>
<td>Hampshire Hotel De Broeierd Enschede</td>
<td>Hengelosestraat 725, 7521 PA, Enschede</td>
<td>ca. 90 EUR per night, exclusive breakfast; in walking distance to the University</td>
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<tr>
<td>Conferentiehotel Drienerburght</td>
<td>Drienerlolaan 5, 7522 NB Enschede</td>
<td>located on Campus; ca. 55 EUR per night, exclusive breakfast</td>
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<tr>
<td>Sandton Resort Bad Boekelo</td>
<td>Oude Deldenerweg 203, 7548 PM, Enschede</td>
<td>Especially recommended for participants coming by car in 10 km distance from the University; ca. 105 EUR per night inclusive breakfast</td>
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<tr>
<td>Tuindorhotel ’t Lansink</td>
<td>C.T. Storkstraat 18, 7553 AR, Hengelo</td>
<td>ca. 100 EUR per night, exclusive breakfast in Hengelo, reachable with a bus #9</td>
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<tr>
<td>Op 't Oorbeck Oorbeck</td>
<td>Gerinkhoekweg 31, 7547 RV Enschede</td>
<td>ca. 75 EUR per night, inclusive breakfast in 4 km distance from the University</td>
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These and other hotels can be booked via www.hrs.de and www.booking.com

For any details please contact the local organiser Dr Victoria Dutschk v.dutschk@utwente.nl

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