INDUSTRIAL APPLICATIONS OF RADIATION PROCESSING OF POLYMERS

Included topics:
- Crosslinking: polyolefins, polyamides ...
- Composites
- Grafting

Application fields:
- Automotive
- Electric
- Industry
- Composites
- Pipes
- Cables
- Natural Fibers
- Textiles

November 5th, 2019
LYON - SAINT EXUPERY AIRPORT FRANCE
NH HOTEL

Venue:

<table>
<thead>
<tr>
<th>Transport</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>By car</td>
<td>Airport’s P1 car park: the hotel is located 20 meters to the right of the pedestrian exit. You can book in advance: <a href="https://store.lyonaeroports.com/parkings">https://store.lyonaeroports.com/parkings</a></td>
</tr>
<tr>
<td>By plane</td>
<td>The hotel is located just in front of the exit of Terminal 1.</td>
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<tr>
<td>By train</td>
<td>The hotel is 5 min from Lyon Saint-Exupery station by foot, in direction of Terminal 1.</td>
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<tr>
<td>From Lyon center</td>
<td>30 min from Lyon Part-Dieu station with Rhone Express tramway, then the hotel is 5 min from Lyon Saint-Exupery station by foot, in direction of Terminal 1.</td>
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WORKSHOP ORGANIZED BY IONISOS with the participation of EUROSTAR Engineering Plastics

PARTICIPANTS: plastic, textile and composites technicians and engineers, project managers, operational excellence managers, quality managers, looking for higher performances of polymer materials.

It can also interest researchers working on topics in relation with radiation chemistry, radical-based polymerization, raft-polymerization and functionalization.

08:30   Welcome coffee
09:00   Introduction of the program / planning  
Sophie ROUIF, IONISOS Group, Research and Development Expert

09:15   Principles and potentialities of radiation processing of polymers  
Sophie ROUIF

10:00   Irradiation facilities  
Loïck LE ROUX, IONISOS Group, Sales manager

10:30   Coffee break

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11:00  Flash self-introduction (30 seconds) of attendees

11:15  Radiation crosslinking of polyolefin extruded products  
      Miguel MORALES,  
      IONISOS Iberica, COO

      Radiation crosslinkable polyamide grades: advantages and performances  
      Alexis CHOPIN,  
      EUROSTAR Engineering Plastics, Research and Development Manager

11:45

12:30  Lunch break

14:00  Applications of Radiation crosslinked Polyamides  
      Gilles VAESEN,  
      EUROSTAR Engineering Plastics, Sales manager

14:30  Radiation induced Grafting of Natural Fibers  
      Rodolphe SONNIER,  
      Centre des Matériaux des Mines d’Alès,  
      ARMINES, Professor associate

15:00  Radiation Curing of Composites  
      Xavier COQURET,  
      Institut de Chimie Macromoléculaire de Reims, Reims Champagne Ardenne University, Professor

15:45  Coffee Break

16:00  Practical cases of innovative projects: which radiation strategy for which products?  
      • Presentation of examples  
      • Questions and answers with the public  
      Sophie ROUIF,  
      IONISOS Group, Research and Development Expert

17:00  End of the workshop

CONTACT / INFORMATION

IONISOS: Sandra LASSALLE ou Sophie ROUIF – tel: +33 481-654-710 or +33 481-654-706  
e-mail: commercial@ionisos.com

REGISTRATION

Please send the completed registration form with your payment (bank transfer or bank check) to:  
IONISOS – 13 chemin du Pontet – 69380 Civrieux d’Azergues – FRANCE  
e-mail: sophie.rouif@ionisos.com

PARTICIPATION FEE (LUNCH, COFFEE BREAKS, PRESENTATION SUPPORT):  
- 370 € W/O VAT (444 € VAT INCLUDED) PER PERSON.  
- FROM 2 PEOPLE OF THE SAME STRUCTURE: 315 € W/O VAT (378 € VAT INCLUDED) PER PERSON.