

Discussiegroep Scheidingsmethoden voor Polymeren (DSP)

Bijeenkomst 28 Maart 2019

LS,

De voorjaarsbijeenkomst wordt gehouden op donderdag 28 Maart 2019. De locatie voor deze bijeenkomst is Sysmex Ecustraat 11 in Etten-Leur. Meer informatie over parkeren en routebeschrijving kan gevonden worden op <https://www.sysmex.nl>. De locatie is lastig te bereiken vanaf treinstation Etten-Leur. Sysmex regelt een ophaaldienst vanaf het station. Meer informatie hierover volgt.

Het voorlopige programma van deze dag wordt hieronder weergegeven.

In het programma is ook tijd gereserveerd voor het bespreken van praktische problemen. Een beknopte omschrijving van het probleem kunt u tot 3 dagen voor de bijeenkomst aan mij toezenden.

De sponsor voor deze dag is Sysmex zie website: <https://www.sysmex.nl>

Tot ziens in Etten-Leur!

Dear all,

The spring meeting of the Discussion Group on Separation methods for Polymers (DSP) will be held on Thursday March 28, 2019 at Sysmex Ecustraat 11 in Etten-Leur. More information about parking and route description can be found at <https://www.sysmex.nl>.

The location is not in walking distance from the train station. A taxi service from train station will be arranged by Sysmex, more information will follow.

The preliminary program of the day can be found below.

Time is reserved in the meeting for discussing practical problems. In case you have please send me a short description three days prior to the meeting.

The sponsor of this day is Sysmex, see website <https://www.sysmex.nl>.

See you in Etten-Leur!

On behalf of the DSP committee,

Nico van Beelen

Program DSP meeting March 28th, 2019.

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| 10:00 – 10:30 | Welcome |
| 10:30 – 10:35 | Opening Harry Philipson Chairman DSP |
| <i>Chairman: Edwin Mes</i> | |
| 10:35 – 11:05 | Dib Mekap, Dow Plastics Characterization Overview of Separation techniques applied in industrial polyolefin characterization |
| 11:05-11:35 | Harry Philipson, DSM Materials Science Center Challenges and New Steps in the Chemical Microstructural Characterization of Industrial Relevant Polymers |
| 11:35 – 12:05 | Erik Gelade, DSM Materials Science Center Study of branching by SEC |
| 12:05 – 12:35 | Wim Staal, Hoge school Arnhem en Nijmegen, The Netherlands GPC tips and tricks |
| 12:35 – 13:35 | Lunch |
| <i>Chairman: Ab Buijtenhuijs</i> | |
| 13:35 – 14:05 | Stefan Cairns or Serena Agostini, Sysmex Detection of Single Block Impurities in AB Block-Copolymers by Gel Permeation Chromatography and ultra-high-performance liquid chromatography + demonstration software |
| 14:05 - 14:35 | Nico van Beelen, AkzoNobel A&SC analytical services De-formulation of polymers by breakdown techniques i.c.w. GCMS, LCMS, and NMR |
| 14:35 – 15:05 | Iro Ventouri, University of Amsterdam, The Netherlands Asymmetrical Flow Field-Flow Fractionation for studying the aggregation of beta-D-galactosidase |
| 15:05 – 15:35 | Eric Brander, SABIC Innovative Plastics B.V Industrial applications of Pyrolysis-Gas Chromatography/Mass Spectrometry (Py-GC/MS) for polymer characterization |
| 15:35 – 16:05 | Francis Duivenvoorde, Nouryon Deventer Multi-detector SEC analyses of polymers – a comparison between dual-angle and multi-angle light scattering detectors. |
| 16:05 - 16:35 | Troubleshooting |