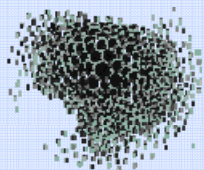


Symposium

# Energy & Polymers

Thursday, 22 October

Location: De Leeuwenborch, Wageningen



Bond voor Materialenkennis

# KNCV

Macromolecular Division

## Program

See the symposium website for the latest update:  
[www.materialenkennis.nl/symposium/](http://www.materialenkennis.nl/symposium/)

- 9:30 Registration and coffee
- 10:15 Opening
- Keynote on energy**
- 10:20 Transition towards a sustainable energy system: from fuels to materials  
Prof. Wim Sinke  
Energy Research Centre of the Netherlands and Utrecht University
- Session on photonic materials**
- 10:50 Polymer Solar Cells  
Prof. René Janssen  
Eindhoven University of Technology
- 11:20 Helianthos: endless energy from solar foil  
Dr. Gert Jan Jongerden  
Nuon Helianthos
- 11:40 The effect on the output of a luminescent solar concentrator on application of organic wavelength-selective mirrors  
Dr. Michael Debije  
Eindhoven University of Technology
- 12:00 **High Tech Start-ups and Innovators in the area of Energy & Polymers**
- 12:30 Lunch  
Exhibition by High Tech Start-ups and Innovators in the area of Energy & Polymers

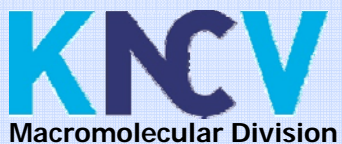
## Session on membrane technologies

- 13:30 A macromolecular toolbox for CO<sub>2</sub> capture  
Dr. Kitty Nijmeijer  
University of Twente
- 14:00 Introducing Technology Institute Wetsus discussing Blue energy  
Wetsus
- 14:20 Self-assembly of rigid polyelectrolytes as a mechanism for proton transport membrane formation  
Dr. Eduardo Mendes  
Delft University of Technology

14:40 Break

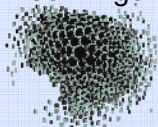
## Session on composites and rubbers

- 15:00 Maximum Performance, Minimum Materials  
Prof. Adriaan Beukers  
Delft University of Technology
- 15:30 Vacuum infused thermoplastic composites for wind turbine blades  
Ir Julie Teuwen  
Delft University of Technology
- 15:50 Enhanced Polymer-Filler Interactions: the Basis for Low Energy Consuming, Low Rolling Resistant Tyres  
Prof. Jacques Noordermeer  
University of Twente
- 16.10 Closing
- 16.15 Drinks



**The board of the  
KNCV Macromolecular Division**

Arend Jan Schouten – Groningen University  
Wolter Jager – TU Delft  
Roelof van der Meer - BASF  
Arjen Boersma - TNO  
Dick Broer - Philips  
Bert Gebben - Teijin Aramid  
Dirk Grijpma – University of Twente  
Frans Leermakers – Wageningen University  
Ton Loontjens - DSM  
Cor Koning – Eindhoven University  
Casper van Oosten – Eindhoven University  
Theo Dingemans – Delft University



**Bond voor Materialenkennis**

**The board of the  
Bond voor Materialenkennis,  
Sectie Kunststoffen**

Gert Bos - SenterNovem  
Arjan de Bruin - van der Meer & van Tilburg  
Pieter-Willem Provó Kluit - Lapinus Fibres  
Jan Schrijver - IntelliPlast  
Rim Stroeks - Syntens  
Theo Wondergem -Ticona

**Registration:**

Send an email with name and company name to:  
[info@materialenkennis.nl](mailto:info@materialenkennis.nl)  
You will receive a confirmation per email.

**Registration fee:**

Registration fee is to be paid at the registration desk  
on the day of the symposium.  
€ 25 BvM and KNCV members  
€ 75 non-members  
students are free  
Price includes lunch and drinks.

**Location:**

De Leeuwenborch (building 201 Wageningen UR)  
Hollandseweg 1  
6706 KN Wageningen

**Directions for public transport:**

Train to Ede-Wageningen, bus line 86 and exit at  
'Hoeverstein',  
Cross the street and walk into Hoeverstein, take a left  
into Hollandseweg, 'De Leeuwenborch' is on your left  
hand side.



Program is sponsored by the  
Dutch Polymer Institute

