



DUTCH POLYMER DAYS - 19

25 & 26 March 2019

Lunteren

PROGRAMME

KNCV

MONDAY 25 MARCH 2019

- 09.30 - 10.15 **Registration & Coffee**
- 10.15 - 10.20 **Opening by the chairman: Prof.dr. Rint Sijbesma (TU/e)**
- 10.20 - 11.00 **Poly(2-oxazoline)s for cancer nanotechnology**
Prof.dr. Rainer Jordan (TU Dresden - DE)
- 11.00 - 11.20 **Unipletion in colloid–polymer mixtures**
Álvaro González García, Jolijn Nagelkerke, Remco Tuinier and Mark Vis (TU/e)
- 11.20 - 11.40 **Mechanical properties of photo-curable polymers**
Rosaria Anastasio, Ruth Cardinaels and Lambèrt van Breemen (TU/e)
- 11.40 - 12.00 **Polyelectrolyte complex phase separation for solvent free membranes**
Muhammad Irshad Baig, Elif Nur Durmaz, Joshua Willott and Wiebe de Vos (UT)
- 12.00 - 12.20 **Discrete length siloxane-based block co-oligomers for functional materials**
Brigitte Lamers, Anja Palmans and Bert Meijer (TU/e)
- 12.30 - 14.00 **Lunch**
Meeting PTN - Group Leaders
- 14.00 - 17.00 **WORKSHOP A, B, C & D** (15.20 - 15.40 Tea Break)
- 17.15 - 18.15 **PTN Medema Lecture Award Winner 2019**
From biomimetic materials to materials that mimic behaviorists' classical conditioning
Prof.dr. Olli Ikkala (Aalto University, Helsinki - FI)
- 18.30 - 20.00 **Dinner**
- 20.00 - 22.00 **POSTER SESSION and WINE & CHEESE (EUROPE HALL)**

TUESDAY 26 MARCH 2019

- 08.00 - 09.00 **Breakfast & Check out hotel rooms De Werelt**
- 09.00 - 09.20 **Two-fold viscoelasticity of hybrid metal-ligand polyelectrolyte complexes**
Alexei Filippov, Jasper van der Gucht (WUR) and Marleen Kamperman (RuG)
- 09.20 - 09.40 **Reversible self-assembly of virus like particles based on host-guest interactions**
Shuqin Cao and Jeroen Cornelissen (UT)
- 09.40 - 10.00 **Enzymatic synthesis of furan-based polymers**
Dina Maniar, Katharina Hohmann, Viviana Guarin, Yi Jiang, Albert Woortman, Jur van Dijken and Katja Loos (RuG)
- 10.00 - 10.20 **Transformable multifunctional nanocarriers for biomedical applications**
Shoupeng Cao, Loai Abdelmohsen, Dave Williams and Jan van Hest (TU/e)
- 10.20 - 10.40 **Coffee Break**
- 10.40 - 11.00 **Stimuli-responsive photonic polymer coatings**
Ellen van Heeswijk, Theo Hoeks & Nadia Grossiord (SABIC) and Albert Schenning (TU/e)
- 11.00 - 11.20 **Ninhydrin-functionalized urea sorbents for a wearable artificial kidney**
Sjaak Jong, Yong Guo, Wim Hennink, Rene van Nostrum (UU), Rob Smakman (Innovista) and Karin Gerritsen (UMCU)
- 11.20 - 11.40 **Learning from nature: Bioinspired synthesis of silica particles**
Rodrigo Magana, Shuaiqi Guo, Dylan Atkins, Romà Surís Valls, Patrick Hage and Ilja Voets (TU/e)
- 11.40 - 12.00 **Self-assembled polyelectrolyte membranes: How does polymer chemistry determine membrane performance?**
Benjamin Chatillon, Zandrie Borneman and Kitty Nijmeijer (TU/e)
- 12.00 - 12.20 **Winner of the Challa Polymer Award 2019**
Photo-thermal actuation of liquid crystal polymers
Dr.ir. Anne Hélène Gélébart (SABIC - former TU/e PhD-student)
- 12.30 - 13.30 **Lunch**
- 13.30 - 15.10 **WORKSHOP I, II & III** (15.10 - 15.30 Tea Break)
- 15.30 - 16.10 **Green polymer chemistry**
Prof.dr. Rolf Mülhaupt (Freiburg Material Research Center - DE)
- 16.10 - 16.25 **CEREMONIES & CLOSURE: Prof.dr. Katja Loos (RuG)**
Awards of the Best: Plenary & Workshop Lectures & Posters DPD-2019



DUTCH POLYMER DAYS - 19

WORKSHOPS

A, B, C & D

I, II & III

KNCV

MONDAY 25 MARCH 2019**WORKSHOP A.
CHEMISTRY****LECTURE ROOM: EUROPA
chairman: Ms. Brigitte Lamers (TU/e)**

14.00 - 14.20	Reversible chemistry for UV curable materials Eveline Maassen, Hans Heuts and Rint Sijbesma (TU/e)
14.20 - 14.40	Encoding information into polymers. A supramolecular approach Jiangkun Ouyang, Anne Swartjes, Shaji Varghese, Hans Elemans and Roeland Nolte (RUN)
14.40 - 15.00	Photoresponsive supramolecular polymers- tuning the state of assembly by light Elisabeth Weyandt, Anja Palmans and Bert Meijer (TU/e)
15.00 - 15.20	Effect of branch length on morphology and dynamics of densely branched self-healing polyurethanes Vincenzo Montano, Johan Bijleveld, Sybrand van der Zwaag and Santiago Garcia (TUD)
15.20 - 15.40	Tea Break
15.40 - 16.00	Synthesis and characterization of amylose-b-PTHF-b-amylose triblock copolymer Masyitha Ambarwati (RuG)
16.00 - 16.20	Synthesis and characterization of functionalized zwitterionic dendrimers Esther Roeven, Luc Scheres, Maarten Smulders and Han Zuilhof (WUR)
16.20 - 16.40	Ion conducting block copolymers based on sulfonated polysulfones Marco Viviani, Katja Loos and Giuseppe Portale (RuG)
16.40 - 17.00	Air-curable liquid crystalline photonic films via flexographic printing Davey Hoekstra, Koen Nickmans, Johan Lub, Michael Debije and Albert Schenning (TU/e)

MONDAY 25 MARCH 2019

**WORKSHOP B.
BIOMEDICAL**

LECTURE ROOM: AFRIKA
chairman: Mr. Sjaak Jong (UU)

14.00 - 14.20	Dithiolane-derived reduction-responsive core-cross-linked micelles loaded with mTHPC for photodynamic therapy Yanna Liu, Wim Hennink, Sabrina Oliveira and René van Nostrum (UU)
14.20 - 14.40	Bioactive antifouling surfaces by visible-light-triggered polymerization Andriy Kuzmyn, Ai Nguyen, Han Zuilhof and Jacob Baggerman (WUR)
14.40 - 15.00	Development of scalable processes for the GMP manufacture of nanomedicine Jaleesa Bresseleers, Mahsa Bagheri, Olivier Sandre, Wim Hennink (UU), Silvie Meeuwissen and Jan van Hest (TU/e)
15.00 - 15.20	Inside the life of nano-superheroes: Polymersome, tube and micelle Roxane Ridolfo, Vijayabhaskarreddy Junnuthula, Shirin Tavakoli, David Williams, Jan van Hest and Arto Urtti (TU/e)
15.20 - 15.40	Tea Break
15.40 - 16.00	Complexation-based 3D printing - shrinking hydrogels to smaller sizes Carl Schuurmans, Roos Masereeuw, Wim Hennink, Shrike Zhang and Tina Vermonden (UU)
16.00 - 16.20	Morphologically discrete PEG-PDLLA nanotubes for precision nanomedicine Annelies Wauters, Imke Pijpers, Alexander Mason, David Williams, Jurjen Tel, Loai Abdelmohsen and Jan van Hest (TU/e)
16.20 - 16.40	Intraocular hydrogels for controlled protein delivery Blessing Ilochonwu, Wim Hennink and Tina Vermonden (UU)
16.40 - 17.00	Engineering biosynthetic extremozymes for cascade reactions in harsh environments Dylan Atkins, José Berrocal, Alexander Mason and Ilja Voets (TU/e)

MONDAY 25 MARCH 2019

**WORKSHOP C.
PHYSICS & THEORY**

LECTURE ROOM: AMERIKA
chairman: Mr. Alexei Filippov (WUR)

14.00 - 14.20	Biocompatible hydrogels: Formation and structure Chiara Raffaelli (TU/e)
14.20 - 14.40	Exploring the energy landscape of glassy polymers: Response to deformation on a molecular scale Georgios Vogiatzis, Lambèrt van Breemen, Doros Theodorou and Markus Hütter (TU/e)
14.40 - 15.00	A new way to improve physicochemical properties of potato starch Yassaroh Yassaroh, Albert Woortman and Katja Loos (RuG)
15.00 - 15.20	Droplet model for watermark defects in photolithography Thijs van der Heijden, Anton Darhuber and Paul van der Schoot (TU/e)
15.20 - 15.40	Tea Break
15.40 - 16.00	Structure formation in electromagnetic suspensions in 3D-printing Konstantinos Manikas, Markus Hütter and Patrick Anderson (TU/e)
16.00 - 16.20	Nanoporous liquid crystalline membranes combined with anisotropic scaffolds Simon Houben, Albert Schenning and Kees Bastiaansen (TU/e)
16.20 - 16.40	The influence of functional groups on the surface energy of photoresist-like polymers Adriaan van den Bruinhorst, Catarina Esteves, Remco Tuinier and Bert de With (TU/e)
16.40 - 17.00	Untethered magneto and photo responsive liquid crystal polymer actuators Marina Pilz da Cunha, Michael Debije and Albert Schenning (TU/e)

MONDAY 25 MARCH 2019

WORKSHOP D.
POLYMER TECHNOLOGY

LECTURE ROOM: AZIE

chairman: Ms. Rosaria Anastasio (TU/e)

14.00 - 14.20	Structure and stability of complex coacervate core micelles with CotA laccase enzyme Riahna Kembaren (WUR)
14.20 - 14.40	Lifetime assessment of polyethylene pipes based on slow crack growth resistance Leonid Pastukhov and Leon Govaert (TU/e)
14.40 - 15.00	Silica filled polyolefin blends for high voltage DC cable insulation systems: Effect of silica modification Amirhossein Mahtabani, Xiaozhen He, Ilkka Rytöluoto, Kari Lahti, Mika Paaianen, Eetta Saarimäki, Rafał Anyszka, Wilma Dierkes and Anke Blume (UT)
15.00 - 15.20	Ultrahigh frequency-operated dielectric-modulated graphene biosensors Xiaoyan Zhang, Wangyang Fu, Aimee Boyle, Alexander Kros and Grégory Schneider (UL)
15.20 - 15.40	Tea Break
15.40 - 16.00	Silicon nanoparticle as catalyst for photoluminescence carbon quantum dot synthesis Sida Yin, Olivier Nguon, Joost Duvigneau and Julius Vancso (UT)
16.00 - 16.20	Numerical modelling of polydisperse polymer blends Wing-Hin Wong, Martien Hulsen and Patrick Anderson (TU/e)
16.20 - 16.40	Understanding blends of thermotropic LCP's Gijs de Kort (UM)
16.40 - 17.00	Probing stresses in polymers using pi-extended anthracene Annelore Aerts, Hans Heuts and Rint Sijbesma (TU/e)

TUESDAY 26 MARCH 2019**WORKSHOP I.
CHEMISTRY****LECTURE ROOM: EUROPA
chairman: Ms. Dina Maniar (RuG)**

13.30 - 13.50	Enzymatically depolymerizable thermosets based on renewable bis(pyrrolidone) dicarboxylic acids and bis(2-oxazoline): Importance of moisture for controlled thermo-mechanical properties and chemical recyclability Manta Roy (UM)
13.50 - 14.10	Giant power generation by reverse electrodialysis in single layer nanoporous membrane made from core-rim polycyclic aromatic hydrocarbons Xue Liu, Meng He, Haoyuan Qi, Ute Kaiser and Grégory Schneider (UL)
14.10 - 14.30	Synthesis and characterization of self-assembling block copolymers for membrane gas separation Menno Houben, Zandrie Borneman and Kitty Nijmeijer (TU/e)
14.30 - 14.50	Supramolecular mimic for bottlebrush polymers Milad Golkaram, Giuseppe Portale, Shirin Faraji and Katja Loos (RuG)
14.50 - 15.10	Driving liquid crystal polymer films to "dance" in electric fields: A molecular simulation perspective Nicholas Tito, Inge Verheul, Liesbeth Janssen, Wouter Ellenbroek, Danqing Liu and Dick Broer (TU/e)

TUESDAY 26 MARCH 2019

**WORKSHOP II.
PHYSICS & THEORY**

LECTURE ROOM: AFRIKA

chairman: Mr. Álvaro González García (TU/e)

13.30 - 13.50	<p>Mixed matrix membranes, a matter of percolation? Machiel van Essen, Esther Montrée, Zandrie Borneman and Kitty Nijmeijer (TU/e)</p>
13.50 - 14.10	<p>Polymer-mediated selective adsorption of particles on colloidal dumbbells Joeri Opdam, Thom Snoeren, Stefano Sacanna and Remco Tuinier (TU/e)</p>
14.10 - 14.30	<p>Molecular dynamics simulations of the structure and dynamics of a polyelectrolyte membrane under pH variation Soumyadipta Sengupta and Alexey Lyulin (TU/e)</p>
14.30 - 14.50	<p>Experimental quantification of the width of colloidal gas–liquid interfaces Mark Vis, Kelly Brouwer, Álvaro González García, Andrei Petukhov, Oleg Konovalov and Remco Tuinier (TU/e)</p>
14.50 - 15.10	<p>Percolation in nematic liquid crystals of slender nanoparticles Shari Finner, Tanja Schilling and Paul van der Schoot (TU/e)</p>

TUESDAY 26 MARCH 2019

WORKSHOP III.
POLYMER TECHNOLOGY

LECTURE ROOM: AZIE
chairman: Mr. Muhammad Irshad Baig (UT)

13.30 - 13.50	Responsive reflective coatings based on semi-interpenetrating polymer networks Stijn Kragt, Dick Broer and Albert Schenning (TU/e)
13.50 - 14.10	How to nucleate polymer nano foams Giorgos Kafkopoulos, Julius Vancso, Joost Duvigneau and Han Goossens (UT)
14.10 - 14.30	Surface segregation of silicon-containing block copolymers in coatings Stefan Govers, Leo van der Ven, Bert de With and Catarina Esteves (TU/e)
14.30 - 14.50	Water based membrane production using pH responsive polymers Wouter Nielen, Joshua Willott and Wiebe de Vos (UT)
14.50 - 15.10	Responsive polyelectrolyte multilayers for programmable photonic devices Christian Sproncken, Mahir Mohammed, Oded Raz and Ilja Voets (TU/e)



DUTCH POLYMER DAYS - 19

POSTER SESSION

MONDAY 25 MARCH 2019

**LECTURE ROOM: EUROPA
20.00 - 22.00 hrs**

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CHEMISTRY

C1	Abbasi, Sanaz	PVDF-based composite membranes for hydrogen-bromine flow battery (TU/e)
C2	Akker, Wouter van den	Assembly of a 3D protein cage architecture (UT)
C3	Altomare, Aldo	PVDF-based block copolymers for advanced materials obtained through metal-free synthesis (RuG)
C4	Ambarwati, Masyitha	Synthesis and characterization of maltoheptaose-b-PTHF-b-maltoheptaose triblock copolymer (RuG)
C5	Anyszka, Rafał	Mimicking the velcro system from nature for an alternative rubber/silica coupling system (UT)
C6	Beerstra, Mark	Applying polymer brushes to metallic surfaces for frictionless surfaces (UT)
C7	Belmonte Parra, Alberto	Patterned full-color reflective coatings based on photonic cholesteric liquid-crystalline particles (TU/e)
C8	Casimiro, Anna	Membranes for the removal of micropollutants for drinking water production (TU/e)
C9	Chen, Qi	New bio-based 3D materials in MFC (RuG)
C10	Dam, Annemieke van	Fluorinated antifouling coatings (WUR)
C11	Di Sacco, Federico	In-situ simultaneous study of mesophase evolution in different industrial processed iPP films (RuG)
C12	Golkaram, Milad	Supramolecular mimic for bottlebrush polymers (RuG)
C13	Guit, Jarno	Resin formulation with novel renewable (meth)acrylates based on soybean oil for stereolithography 3D printing (NHL Stenden University of Applied Sciences)
C14	Hao, Jinmeng	Poly(ferrocenylsilane)-functionalized gold nanoparticles (UT)
C15	Hebels, Erik	The particle with the golden gun (UU)
C16	Hoekstra, Davey	Air-curable liquid crystalline photonic films via flexographic printing (TU/e)
C17	Hofman, Anton	Synthesis of well-defined strong anionic/hydrophobic diblock copolymers (RuG)
C18	Jacquemond, Remy	Ion exchange membrane separators in all-organic redox flow batteries (TU/e)
C19	Kloos, Joey	Membranes for the selective recovery of ionic species and nutrients (TU/e)
C20	Komil, Muhabbat	The "grafting" from ATRP of zwitterions on UPy-biomaterials (TU/e)

CHEMISTRY

- C21 Kurkowiak, Katarzyna Synthesis of self-healing polyurethane based on disulfide bonds (UT)
- C22 Kuzmyn, Andriy Bioactive antifouling surfaces by visible light triggered LRP (WUR)
- C23 Lauria, Francesca A self-assembly mode "tug-of-war" in squaramide-based supramolecular polymers driven by aromaticity-modulated hydrogen bonding (UL)
- C24 Li, Rui 3-aminopropyl triethoxysilane-mediated immobilization of hyperbranched antibacterial coatings on titanium substrates (RuG)
- C25 Li, Siyu A new hybrid inorganic-organic approach towards robust water-borne films (TU/e)
- C26 Li, Wei Reshaping polymersomes using Hofmeister effect (RUN)
- C27 Liu, Jie Lactobionic acid based bisurea bolaamphiphiles (TU/e)
- C28 Liu, Li Light-triggered movements of liquid crystal fibers array (TU/e)
- C29 Liu, Xiaohong Liquid crystalline particles as ion-responsive absorbents (TU/e)
- C30 Liu, Xue Giant power generation by reverse electrodialysis in single layer nanoporous membrane made from core-rim polycyclic aromatic hydrocarbons (UL)
- C31 Luijk, Diederik van Incorporation of mechanofluorescent and mechanoluminescent organophosphates in polymers (TU/e)
- C32 Maniar, Dina Enzymatic synthesis of furan-based polymers (RuG)
- C33 Marin, Patricia Polymerizable liquid crystal based nanoporous membranes for water filtration (TU/e)
- C34 Mathesh, Motilal Light driven stomatocyte nanomotors (RUN)
- C35 Noordzij, Geert The Aza-Michael reaction: Towards semi-crystalline polymers from renewable itaconic acid and diamines (UM)
- C36 Paats, Jan-Willem Pentafluorophenyl-based single chain nanoparticles (UT)
- C37 Pan, Xinglong Highly transparent, ultra-drawn polyethylene film (TU/e)
- C38 Raak, Roel van Modulated diffusion of gas or liquid through liquid crystalline polymer membranes (TU/e)
- C39 Roy, Manta Enzymatically depolymerizable thermosets based on renewable bis(pyrrolidone) dicarboxylic acids and bis(2-oxazoline)s: Importance of moisture for controlled thermo-mechanical properties and chemical recyclability (UM)

CHEMISTRY

- C40 Schoustra, Sybren Imine-based dynamic covalent polymer networks (WUR)
- C41 Teunissen, Lucas Tailoring zwitterionic, antifouling polymer brushes (WUR)
- C42 Timmermans, Gilles Photo responsive coatings (TU/e)
- C43 Timmers, Lisa Self-assembly of sequence-controlled amphiphilic polymers (TU/e)
- C44 Toebes, Jelle Enzyme driven supramolecular nanomotors from polymeric vesicles (RUN)
- C45 Veel, Maribel Optimization of the synthesis of Nasopore® polyurethane with PEG1000 from a different supplier (Hanze University of Applied Sciences)
- C46 Veldhuizen, Hugo Charge transfer in naphthalene diimide-based covalent organic frameworks (TUD)
- C47 Verpaalen, Rob Programmable helical twisting in oriented bilayer films (TU/e)
- C48 Viviani, Marco Ion conducting block copolymers based on sulfonated polysulfones (RuG)
- C49 Willems, Mathies Catechol containing ATRP macro-initiator (UT)
- C50 Ye, Chongnan New generation bio-based vitrimer (RuG)
- C51 Zhang, Huiyi Polyester vitrimers (TU/e)

BIOMEDICAL

B1	Fliervoet, Lies	Structure and dynamics of thermosensitive DNA polyplexes studied by time-resolved fluorescence spectroscopy (UU)
B2	Shao, Jingxin	Biomorphic engineering of multifunctional polylactide stomatocytes toward therapeutic nano-red blood cells (TU/e)
B3	Sun, Bingbing	Self-assembled peptide-based nanomaterials for photodynamic therapy (TU/e)
B4	Tong, Ciqing	Dithiolane-norbornene photo-induced crosslinking in synthetic hydrogels for 3D cell culture (UL)
B5	Wang, Yan	Preparation of biotin-modified polymeric micelles based on HPMA (UU)
B6	Wauters, Annelies	Morphologically discrete PEG-PDLLA nanotubes for precision nanomedicine (TU/e)
B7	Zhu, Jianzhi	Charge switchable catalase/manganese nanoparticle-loaded nanocluster for enhanced photodynamic therapy (TU/e)
B8	Zoetebier, Bram	Enzymatically crosslinked natural polymers for cartilage repair (UT)

PHYSICS & THEORY

P1	Bos, Inge	Dynamics of coacervate nanostructures: How electrostatics and hydrophobicity work together (WUR)
P2	Klomp, Dolf	Simulation of arbitrarily shaped powder deposition with a discrete element method (TU/e)
P3	Marroquín García, Ramiro	Induction of the disentangle state in ultra-high molecular weight polypropylene (UM)
P4	Mohan, Amrutha	Microscopic and mesoscopic polymer adsorption in enhanced oil recovery (UT)
P5	Tauber, Justin	Failure of double polymer networks: The brittle-to-ductile transition (WUR)
P6	Weg, Karel van der	Polymer brush friction in cylindrical geometries (UT)
P7	Yassaroh, Yassaroh	A new way to improve physicochemical properties of potato starch (RuG)

TECHNOLOGY

T1	Amiri Rad, Ahmad	An anisotropic viscoelastic-viscoplastic model for short-fiber reinforced polymers (TU/e)
T2	Balemans, Caroline	2D and 3D simulations of temperature-dependent sintering (TU/e)
T3	Bie, Vincent de	Temperature distribution of a rubber compound in a channel flow around an oscillatory rotating disk (TU/e)
T4	Bysani, Ameya	Pressing polyelectrolyte complexes (PECs) to plastics (UT)
T5	Carrozza, Mick	Modelling and simulation of the rheology of interfaces (TU/e)
T6	Cerpentier, Robin	Correlating crack growth kinetics with molecular mass distribution in high density polyethylene (TU/e)
T7	Chávez Thielemann, Hernán	Micro mechanical modelling of semi-crystalline α -iPP (TU/e)
T8	Cirelli, Marco	Printing smart" inks of redox responsive organometallic polymers on microelectrode arrays for molecular sensing (UT)
T9	Cosse, Renato	Production of continuous natural fibers reinforced wood plastic composites by extrusion process (RuG)
T10	Durmaz, Elif Nur	Solvent-free membranes by polyelectrolyte complexation (UT)
T11	Eleveld, Mart	Development of biopolymer blends for biodegradable mussel net (Hanze University of Applied Sciences)
T12	Feng, Wei	Electric field-driven surface topographical deformations of liquid crystal polymer and its application in remote dry self-cleaning (TU/e)
T13	Grigoriadi, Kalouda	Physical ageing of polystyrene. Does the tacticity play a role? (TU/e)
T14	Hees, Ilse van	Mechanical properties of PNIPAM functionalized complex coacervate gels (WUR)
T15	Hejmady, Prakhyat	In-situ visualization of laser sintering of polymer particle pairs (TU/e)
T16	Hossainy, Mariam	Recombinant ice-binding polymers for cryopreservation (TU/e)
T17	Kafkopoulos, Giorgos	Surface-functionalized rough SiO ₂ nanoparticles as cell nucleating agents in semi-crystalline polymer foams (UT)
T18	Keller, Shauni	Microfluidic design of soft micromotors (RUN)
T19	Kershah, Tarek	Thermo-mechanically coupled modelling of single-asperity scratch on polymer surfaces (TU/e)
T20	Lente, Jéré van	Separating protein mixtures via polyelectrolyte complexes (UT)

TECHNOLOGY

T21	Leoné, Nils	An amide based organic compound as plasticizer and nucleating agent for polylactide (UM)
T22	Looijmans, Stan	Crystallization kinetics of maleic anhydride grafted polypropylene blends (TU/e)
T23	Lubach, Sjoukje	Novel polyethersulfone nanofiber composite membranes for forward osmosis applications (TU/e)
T24	Oymaci Akin, Pelin	Polydopamine/polyethyleneimine selective layer for forward osmosis membranes (TU/e)
T25	Paolucci, Fabio	Long-term failure response of moulded and laser sintered Polyamide 12 (TU/e)
T26	Pepe, Jessica	A close look at high viscosity fluid breakup (TU/e)
T27	Pereira Espíndola, Suellen	Unravelling the mechanisms behind the plasticization of Na-alginate films (TUD)
T28	Pozo Puig, Marc del	Temperature-responsive soft micro-robots by two-photon stereolithography (TU/e)
T29	Schmidt, Bram	Purification of colored polyester waste streams (Van Hall Larenstein University of Applied Sciences)
T30	Sol, Jeroen	Butterfly proboscis-inspired tight rolling tapered soft actuators (TU/e)
T31	Spanjaards, Michelle	Transient 3D finite element method for predicting extrudate swell of domains containing sharp edges (TU/e)
T32	Srinivas, Varun	Aligning molecular and structural dynamics in fused deposition modelling of polylactides (UM)
T33	Visschers, Fabian	Oscillating surfaces fueled by a continuous electric field (TU/e)
T34	Zhang, Shaokang	Micromechanical modelling of short fiber-reinforced polymers (TU/e)



DUTCH POLYMER DAYS - 19

LIST of PARTICIPANTS

KNCV

Aart, Jeroen van	TU/e	Bijleveld, Johan	TUD
Abbasi, Sanaz	TU/e	Boetje, Laura	RuG
Abdelmohsen, Loai	TU/e	Borneman, Zandrie	TU/e
Achterhuis, Iske	UT	Bos, Inge	WUR
Aerts, Annelore	TU/e	Boven, Gert	SABIC
Akker, Wouter van den	UT	Bresseleers, Jaleesa	TU/e
Altay, Yigit	TU/e	Brinke, Esra te	UT
Altomare, Aldo	RuG	Brinke, Gerrit ten	RuG em.
Ambarwati, Masyitha	RuG	Bruinhorst, Adriaan van den	TU/e
Amiri Rad, Ahmad	TU/e	Bysani, Ameya	UT
Anastasio, Rosaria	TU/e	Cao, Shoupeng	TU/e
Anderson, Patrick	TU/e	Cao, Shuqin	UT
Anyszka, Rafał	UT	Cardinaels, Ruth	TU/e
Asadi Tashvigh, Akbar	UT	Carrozza, Mick	TU/e
Atkins, Dylan	TU/e	Casimiro, Anna	TU/e
Baig, Irshad	UT	Cerpentier, Robin	TU/e
Bakker, Sterre	TU/e	Challa, Ger	RuG em.
Balemans, Caroline	TU/e	Chatillon, Benjamin	TU/e
Bastiaansen, Kees	TU/e	Chávez Thielemann, Hernán	TU/e
Beer, Sissi de	UT	Chen, Qi	RuG
Beerstra, Mark	UT	Cirelli, Marco	UT
Belmonte Parra, Alberto	TU/e	Corbet, Christiaan	TU/e
Benes, Nieck	UT	Cornelissen, Jeroen	UT
Bernaerts, Katrien	UM	Cosse, Renato	RuG
Bie, Vincent de	TU/e	Daal, Tom van	TU/e

Dam, Annemieke van	WUR	Gélébart, Anne Hélène	TU/e - SABIC
Dankers, Patricia	TU/e	Golkaram, Milad	RuG
Debije, Michael	TU/e	González García, Álvaro	TU/e
Defize, Thomas	UM	Gote, Ravindra	UM
Di Sacco, Federico	RuG	Govaert, Leon	TU/e
Dijkstra, Peter	RuG	Govers, Stefan	TU/e
Dong, Jingjin	RuG	Goyal, Abheeti	TU/e
Durmaz, Elif Nur	UT	Grigoriadi, Kalouda	TU/e
Duvigneau, Joost	UT	Gucht, Jasper van der	WUR
Eleveld, Mart	Hanze Hogeschool	Guit, Jarno	NHL Stenden
Ellenbroek, Wouter	TU/e	Guo, Junfei	TU/e
Elshof, Mariël	UT	Hao, Jinmeng	UT
Essen, Machiel van	TU/e	Hebels, Erik	UU
Esteves, Catarina	TU/e	Hedayati, Reza	TUD
Fang, Yuting	UM	Hees, Ilse van	WUR
Feng, Wei	TU/e	Heeswijk, Ellen van	TU/e
Filippov, Alexei	WUR	Heijden, Daniëlle van der	TU/e
Finner, Shari	TU/e	Heijden, Thijs van der	TU/e
Fliervoet, Lies	UU	Hejmady, Prakhyat	TU/e
Foelen, Yari	TU/e	Hennink, Wim	UU
Fornier-Cuenca, Antoni	TU/e	Hest, Jan van	TU/e
Fredrich, Sebastian	TU/e	Heuts, Hans	TU/e
Froyen, Arne	TU/e	Hiemstra, Christine	NWO
García, Santiago	TUD	Hoekstra, Davey	TU/e
Gardeniers, Milo	UM	Hofman, Anton	RuG

Hossainy, Mariam	TU/e	Kusmus, Disraëli	UT
Houben, Menno	TU/e	Kuzmyn, Andriy	WUR
Houben, Simon	TU/e	Lamers, Brigitte	TU/e
Hristova-Bogaerds, Denka	DPI	Lan, Xiaohong	RuG
Hütter, Markus	TU/e	Lauria, Francesca	UL
Ikkala, Olli	Aalto University	Lente, Jérè van	UT
Ilochonwu, Blessing	UU	Leoné, Nils	UM
Jacquemond, Remy	TU/e	Leuken, Stijn van	TU/e
Jong, Sjaak	UU	Li, Feijie	UM
Jordan, Rainer	TU Dresden	Li, Lily	UT
Junker, Moritz	UT	Li, Rui	RuG
Kafkopoulos, Giorgos	UT	Li, Siyu	TU/e
Kaithakkal Jathavedan, Kiran	UM	Li, Wei	RUN
Kamperman, Marleen	RuG	Lin, Min	UT
Keller, Shauni	RUN	Liu, Jie	TU/e
Kembaren, Riahna	WUR	Liu, Li	TU/e
Kershah, Tarek	TU/e	Liu, Xiaohong	TU/e
Kieltyka, Roxanne	UL	Liu, Xue	UL
Klomp, Dolf	TU/e	Liu, Yanna	UU
Kloos, Joey	TU/e	Looijmans, Stan	TU/e
Komil, Muhabbat	TU/e	Loontjens, Ton	RuG
Kort, Gijs de	UM	Loos, Katja	RuG
Kragt, Stijn	TU/e	Luan, Jiabin	RUN
Kulkens, Tanja	NWO	Lubach, Sjoukje	TU/e
Kurkowiak, Katarzyna	UT	Luijk, Diederik van	TU/e

Lyulin, Alexey	TU/e	Nostrum, René van	UU
Maan, Annemarie	RuG	Oerlemans, Roy	TU/e
Maassen, Eveline	TU/e	Opdam, Joeri	TU/e
Magana, Rodrigo	TU/e	Oshima-Menegon, Mariana	TU/e
Mahtabani, Amir	UT	Ouyang, Jiangkun	RUN
Majumdar, Soumabrata	TU/e	Oymaci Akin, Pelin	TU/e
Mani, Mohan Raj	UM	Paats, Jan-Willem	UT
Maniar, Dina	RuG	Pan, Xinglong	TU/e
Manikas, Konstantinos	TU/e	Paolucci, Fabio	TU/e
Marin, Patricia	TU/e	Pastukhov, Leonid	TU/e
Marroquín García, Ramiro	UM	Paulusse, Jos	UT
Martino, Teresa de	TU/e	Pepe, Jessica	TU/e
Mason, Alex	TU/e	Pereira Espíndola, Suellen	TUD
Mathesh, Motilal	RUN	Peters, Gerrit	TU/e
Men, Yongjun	TUD	Peters, Vincent	TU/e
Mohan, Amrutha	UT	Piccioni, Francesco	RuG
Mülhaupt, Rolf	Freiburg MRC	Picken, Stephen	TUD
Nagai, Atsushi	TUD	Pijpers, Imke	TU/e
Nelissen, Laurent	PTN	Pilz da Cunha, Marina	TU/e
Nicosai, Angelo	TU/e	Portale, Giuseppe	RuG
Nielen, Wouter	UT	Pozo Puig, Marc del	TU/e
Nijmeijer, Kitty	TU/e	Raak, Roel van	TU/e
Nolte, Roeland	RUN	Raffaelli, Chiara	TU/e
Noordermeer, Jacques	UT	Regenspurg, Jürjen	UT
Noordzij, Geert	UM	Reurink, Dennis	UT

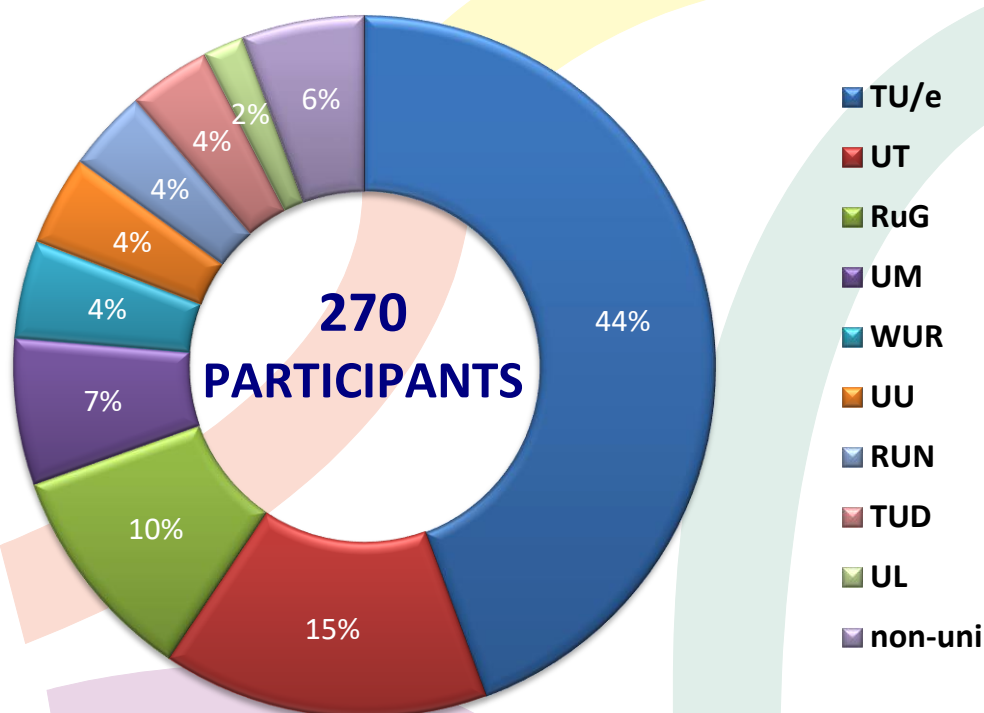
Ridolfo, Roxane	TU/e	Tauber, Justin	WUR
Rijpkema, Sjoerd	RUN	Teora, Serena	UU
Rivera, Ortizlsamar	RUN	Teunissen, Lucas	WUR
Roeven, Esther	WUR	Timmermans, Gilles	TU/e
Romano, Dario	UM	Timmers, Lisa	TU/e
Roy, Manta	UM	Tito, Nicolas	TU/e
Saha, Debarshi	TU/e	Toebe, Jelle	RUN
Schaminée, Marleen	PTN	Tong, Ciqing	UL
Schenning, Albert	TU/e	Tooren, Martin	Polyganics
Schmidt, Bram	Van Hall Larenstein	Tuinier, Remco	TU/e
Schobel, Judith	RuG	Vancso, Julius	UT
Schoot, Paul van der	TU/e	Veel, Maribel	Hanze Hogeschool
Schoustra, Sybren	WUR	Veldhuizen, Hugo	TUD
Schuurmans, Carl	UU	Vermonden, Tina	UU
Sengupta, Soumyadipta	TU/e	Verpaalen, Rob	TU/e
Shao, Jingxin	TU/e	Vis, Mark	TU/e
Sijbesma, Rint	TU/e	Visschers, Fabian	TU/e
Smulders, Maarten	WUR	Viviani, Marco	RuG
Sol, Jeroen	TU/e	Voet, Vincent	NHL Stenden
Song, Shidong	TU/e	Vogiatzis, Georgios	TU/e
Spanjaards, Michelle	TU/e	Vos, Wiebe de	UT
Sproncken, Christian	TU/e	Wang, Tao	UT
Srinivas, Varun	UM	Wang, Xiuqin	UT
Sun, Bingbing	TU/e	Wang, Yan	UU
Sun, Jiawei	RUN	Wauters, Annelies	TU/e

Weg, Karel van der	UT
Welzen, Pascal	TU/e
Westerveld, Larissa van	RuG
Weyandt, Elisabeth	TU/e
Willems, Mathies	UT
Wilsens, Karel	UM
Wong, Wing-Hin	TU/e
Würdemann, Martien	UM
Yang, Huaqin	UM
Yassaroh, Yassaroh	RuG
Ye, Chongnan	RuG
Yin, Sida	UT
Zhang, Huiyi	TU/e
Zhang, Shaokang	TU/e
Zhang, Xiaoyan	UL
Zhu, Jianzhi	TU/e
Zoetebier, Bram	UT
Zong, Lishai	TUD
Zwaag, Sybrand van der	TUD

DUTCH POLYMER DAYS - 19



100 POSTERS & 47 WORKSHOP LECTURES
3 INVITED SPEAKERS & 12 PLENARY LECTURES



PTN Education Calendar 2019: www.ptn.nu

September	RPK-D 'Rheology & Polymer Processing'
May	Coating Technology Module 1 'Polymer Chemistry & Physics and Colloid Systems'
November	Coating Technology Module 2 'Binder Chemistry & Film Formation'

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