

IMPORTANT DATES

1 February 2018	Opening website for abstract submission
1 June 2018	Deadline for abstract submission
1 July 2018	Notification of abstract acceptance and assignment of oral/poster presentation
1 December 2018	Submission deadline special issue contributions Polymers

Conference secretariat for registration:

The Graduate School VLAG, Wageningen University & Research
Attn. Mrs. Eva Oudshoorn (eva.oudshoorn@wur.nl)
P.O. Box 17, 6700 AA Wageningen, The Netherlands
Tel: +31 317 485310
www.vlaggraduateschool.nl/isp2018

SPONSORS



For information:

WWW.VLAGGRADUATESCHOOL.NL/ISP2018

The Graduate School VLAG (*Advanced studies in Food Technology, Agrobiotechnology, Nutrition and Health Sciences*) is a partnership between Wageningen University & Research (with Wageningen University, Wageningen Food & Biobased Research and RIKILT Institute of Food Safety) and three research institutes: TNO Healthy Living, NIZO food research, the National Institute for Public Health and the Environment (RIVM)
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INTERNATIONAL SYMPOSIUM
ON POLYELECTROLYTES

12th International Symposium on Polyelectrolytes

AUGUST 27-31, 2018

Wageningen, The Netherlands

SECOND CIRCULAR & CALL FOR ABSTRACTS



www.vlaggraduateschool.nl/isp2018

Organized by
Physical Chemistry and Soft Matter
Wageningen University & Research (WUR)
The Graduate School VLAG



INTRODUCTION

The meeting is the 12th in the ISP series of conferences started in 1995, on the physics and physical chemistry of polyelectrolytes, with a focus on understanding how electrostatic interactions determine and influence the behaviour of synthetic and biological charged macromolecules in solution, in complexes and at interfaces. We aim at continuing the success of the 11th edition in Moscow (2016) by providing a stimulating forum with prominent keynote and invited speakers, ample opportunities for oral and poster presentations, and plenty of opportunities to discuss and interact with colleagues. Wageningen is conveniently located, just one hour by public transport from Amsterdam Airport Schiphol.

PRE-CONFERENCE PHD COURSE

Ahead of the conference, on **August 26 and 27**, a **PhD course on polyelectrolytes** will be organized that will be free of charge for PhD students attending the conference, featuring extended tutorial lectures by a selection of the organizers and plenary speakers of the conference:

- » Katia Zhulina (Institute of Macromolecular Compounds, St Petersburg, Russia) – *Theory of polyelectrolytes*
- » Charles Singh (University of Illinois, USA) – *Computer simulations of polyelectrolytes*
- » Christophe Detrembleur (University of Liège, Belgium) – *Synthesis of polyelectrolytes*
- » Evan Spruijt (Radboud University Nijmegen, The Netherlands) – *Experiments on Biological polyelectrolytes*

Participation in the course and conference will be awarded with 1.7 ECTS (European Credit Transfer System).

CONFERENCE FORMAT

The conference program features plenary sessions, parallel sessions (2 sessions in parallel) and poster sessions. Themes, confirmed keynote and invited speakers are:

Polyelectrolyte theory/modelling

- » Michael Rubinstein (Duke University, USA) - **Keynote**
- » Katia Zhulina (Institute of Macromolecular Compounds, St Petersburg, Russia)
- » Charles Singh (University of Illinois, USA)
- » Fabien Léonforte (L'Oréal Research and Innovation, France)

Polyelectrolyte complexes at interfaces

- » Russell Stewart (University of Utah, USA) - **Keynote**
- » Henrik Birkedal (Aarhus University, Denmark)
- » Philipp Erni (Firmenich, Switzerland)

Polyelectrolytes and coacervation in cell biology

- » Christine Keating (Penn State University, USA) - **Keynote**
- » Tim Nott (University of Oxford, UK)
- » Roy Beck (Tel Aviv University, Israel)

Biological and biohybrid polyelectrolytes

- » Tanja Weil (MPI for Polymer Research, Mainz, Germany)
- » Mauri Konstiainen (Aalto University, Finland)

Polyelectrolyte complex coacervation

- » Sarah Perry (University of Massachusetts, USA)
- » Paul Dubin (University of Massachusetts, USA)

Conjugated polyelectrolytes & poly(ionic liquids)

- » Christophe Detrembleur (University of Liège, Belgium)
- » Joris Sprakel (WUR, The Netherlands)

Polyelectrolyte membranes

- » Ivo Vankelecom (KU Leuven, Belgium)
- » Joris de Groot (NX Filtration, Enschede, The Netherlands)

Abstracts for 20 min oral and posters presentations can be submitted for these topics, as well as on any topic that relates to the general focus of this conference series, which is on the influence of electrostatic interactions on the behaviour of synthetic and biological charged macromolecules in solution, in complexes and at interfaces. As part of the conference a special parallel session on “Polyelectrolyte complexes and adhesion” is organized by the EU ITN “BioSmartTrainee”.

ORGANIZING COMMITTEE

International organizing committee

- » Paul Dubin, University of Massachusetts, USA
- » Ray Farinato, Solvay, USA
- » Alexei Khokhlov, Moscow State University, Russia
- » Serge Stoll, University of Geneva, Switzerland
- » Ulrich Scheler, Leibniz Institute Polymer Research, Dresden, Germany

Local organizing committee

- » Renko de Vries (chair), WUR
- » Frans Leermakers (co-chair), WUR
- » Eva Oudshoorn (secretariat), WUR, Graduate School VLAG
- » Evan Spruijt, Radboud University Nijmegen
- » Ilya Voets, Eindhoven University of Technology
- » Jasper van der Gucht, Marleen Kamperman, Louis de Smet, WUR
- » Andreas Herrmann, University of Groningen
- » Simeon Stoyanov, Unilever R&D, Vlaardingen
- » Wiebe de Vos, Saskia Lindhoud, University of Twente

CONFERENCE VENUE & ACCOMMODATION

The conference is hosted by the Wageningen International Congress Centre (www.wicc.nl). The conference centre can be reached by train (railway station Ede-Wageningen) and bus/taxi in less than two hours from Amsterdam Airport Schiphol (for train schedules see www.ns.nl/en). The organizing committee has blocked a sufficient number of hotel rooms at WICC. Hotel reservation is handled directly by the congress centre, e-mail: info@wicc.nl (booking code ISP2018). Reservation after July 15, 2018 will not guarantee accommodation.



SOCIAL EVENT, THURSDAY AUGUST 30

Visit to Kröller-Müller Museum & Conference dinner at the WICC

The Kröller-Müller Museum in Otterlo has a world-renowned collection of mainly 19th and 20th century visual art. The centrepieces include the large collection of work by Vincent van Gogh and the sculpture garden. The museum boasts almost 90 paintings and more than 180 drawings, making it the second largest collection of Van Goghs in the world. The Museum is home to top works by modern masters including Claude Monet, Georges Seurat, Pablo Picasso and Piet Mondriaan. Temporary exhibitions ensure that the museum keeps pace with the latest developments and retains public interest.



The conference dinner will be held at the conference centre WICC. Transportation to the Kröller-Müller Museum by bus will be organized.

GENERAL INFORMATION

When

The pre-conference PhD course will be held August 26-27, the conference itself from August 27-31, 2018.

Call for abstracts

Participants are invited to submit abstracts for 20 min contributed (oral) presentations and for posters. Electronic submission of abstracts is required. Go to the abstract form (provided by Wageningen Academic Publishers) available at www.vlaggraduateschool.nl/isp2018. Abstracts should be submitted before June 1, 2018. Authors will be notified about the acceptance of their contribution by July 1, 2018. Abstracts submitted for consideration as oral presentations, for which there is no space in the programme of lectures, will automatically be considered for poster presentation. All selected abstracts (for both 20 min oral talks and for posters) will be collected in the abstract book.

Publication/Special issue

Participants are invited to publish their contributions to the conference in a special issue “*Polyelectrolytes and Polyelectrolyte Complexes*” of the MPDI Journal “*Polymers*”. Research papers should contain original work not published previously elsewhere. Review papers related to the topic will also be considered. Submission deadline is December 1, 2018. Decisions on acceptance will be made by guest editors Renko de Vries and Frans Leermakers. For more details on this special issue, see www.mdpi.com/journal/polymers/special_issues/ISP2018

Registration & fees

To register please complete the electronic reply form available at www.vlaggraduateschool.nl/isp2018. Registration will be accepted in the order in which payment is received. Participation is restricted to 250 persons.

Industry/For-Profit	€ 750
Non-profit organizations/University staff/Postdocs	€ 400
PhD students	€ 400
Accompanying persons	€ 200

The conference fee includes conference materials, admission to all conference sessions, welcome reception, coffee/tea during breaks, lunches, the social programme and the conference dinner.

Payment

To secure your registration you are requested to transfer the fee to: Account number NL50 ABNA 060.76.65.084 ABN Amro, P.O. Box 2059, 3500 GB Utrecht, The Netherlands [IBAN: NL50ABNA0607665084, BIC ABNANL2A, account holder: VLAG Congressen, P.O. Box 17, 6700 AA Wageningen]. Please add “ISP2018”. Cancellations may be made free of charge until July 26, 2018. After this date the charge will be 25% of the fee paid. Substitutions may be made at any time.