

STOCHASTICA NEWSLETTER 3

Editor's note

We are coming to the end of our first year. We have grown to include almost 260 members, and planning is well under way for the second year of activities.

We are happy to announce the nominations of three Working Groups co-leaders : Ana Djurdjevac (*University of Oxford*) for WG2, Valentin Resseguier (*Inrae*) for WG3 and Carina Geldhauser (*ETH Zürich*) for WG5.

In May and June, the Summer term of the online STOCHASTICA-SNIP virtual seminar series brought us talks by Daniel Heydecker (*University of Oslo*) ; Benjamin Gess (*Technische Universität Berlin & Max Planck Institute for Mathematics in the Sciences*); and Alexandra Blessing (Neamt), (*University of Konstanz*). As usual, videos of the talks themselves are available on the Action webpage. We also held our first online Working Group meeting on June 17. This was a chance for network members to gather, propose mathematical problems and express their views on the activities of each working group.

The STOCHASTICA-SNIP virtual seminar series will resume soon with a new series of presentations, along with the next online Working Group meeting.

Please visit our website and follow us on social media for more updates.

Follow-up on the STOCHASTICA Colloquium

In August the 2026 STOCHASTICA Colloquium took place at the University of Niš, Serbia over 26th-28th. Over three days, we enjoyed a wide-ranging scientific programme, a beautiful poster session, several moments of celebration, and, above all, the pleasure of bringing so many members of the STOCHASTICA community together in one place. Our warmest thanks go to everyone who joined us and contributed to the spirit of the Colloquium. We are particularly grateful to the local organising team at the University of Niš, led by Professor Mariya Milosevic, whose care, generosity and hard work made the entire meeting possible, and to our special guests and speakers whose contributions gave us three days well worth gathering for.

Congratulations to the winners of the STOCHASTICA Colloquium Poster Competition.

- Vinayak Niraj (*University of Warwick, UK*) – Tempered Bouncy Particle Sampler and Hypocoercivity for Heavy-tailed Targets,
- Georgia Baxevani (*University of Crete, Greece*) – Modelling Transient Dynamics of Coarse-Grained Molecular Systems,
- Stefan Tošić (*University of Novi Sad, Serbia*) – The Chaos Expansion of Fractional Brownian Motion and Fractional White Noise with Distributed Order Hurst Parameter.

We would also like to thank [Springer](#) for supporting the poster competition and generously donating the books presented to our winners as prizes.

Finally, we thank the Applied Probability Trust for funding 5 participants of the colloquium :

- Kistosil Fahim (*Institut Teknologi Sepuluh Nopember, Indonesia*),
- Georgia Baxevani (*University of Crete, Greece*),
- Vinayak Niraj (*University of Warwick, UK*),

- Teodora Ljujić (*University of Kragujevac, Faculty of Science, Serbia*),
- Stefan Tošić (*Faculty of Technical Sciences, University of Novi Sad, Serbia*).

Also at the Colloquium, [Erwin Luesink](#) received his award for winning the STOCHASTICA Graphics Competition!

The winner was first announced in Cork in April, and part of the prize was an invitation to present his work at the STOCHASTICA Colloquium. It was a pleasure to mark the occasion at the University of Niš, where Erwin received his certificate and shared the mathematics behind his winning contribution.

Get involved in STOCHASTICA communications

We welcome expressions of interest in the following practical, task-based supporting roles:

- Gallery Curator : helping to maintain and expand the STOCHASTICA Art Gallery.
- Social Media Content Editor : preparing draft posts and collecting photographs and other materials for our social media channels.
- STOCHASTICA Voices Editor : helping to prepare interviews and accompanying visual and audio-video materials.
- Newsletter Editor : collecting contributions and helping to prepare newsletter drafts.

Volunteers will work closely with, and under the guidance and coordination of, the Science Communication Coordinator and the WG5 Leader. To express your interest, please contact Oana Lang, Science Communication Coordinator (oana.lang@ubbcluj.ro), indicating which role you would be interested in.

Grants

In the first year of the action, a number of travel grants have been awarded, for participation to events which have all now taken place.

6 YRI travel grants have been awarded to :

- Ana Djurdjevac (*University of Oxford, UK*),
- Gijs Custers (*Chalmers and the University of Gothenburg, Sweden*),
- Alexander Lewis (*Chalmers and the University of Gothenburg, Sweden*),
- Bjorn Muller (*Chalmers and the University of Gothenburg, Sweden*),
- Denis Patterson (*University of Durham, UK*),
- Xiaocheng Shang (*University of Birmingham, UK*).

1 Dissemination grant has been awarded to :

- Shufan Yang (*University of Leeds, UK*).

2 ITC Conference grants have been awarded to :

- Iulian Cimpean (*University of Bucharest, Romania*),
- Esma Ulutaş (*Karadeniz Teknik Universitesi, Türkiye*).

The STSMs funded by the action are happening in September & October, they will be reported in the next newsletter.

New grants will be distributed in year 2 of the action, calls will be advertised on our website and via the mailing list when they are open.

News from the network

This section of the newsletter is dedicated to advertising events organized by members of the action, PhD or postdoctoral positions, etc. Call for contributions will be sent prior to preparation of each newsletter.

Postdoc position

(Communicated by Annika Lang)

Together with my colleague Balázs Kulcsár, we are hiring a postdoctoral researcher for our interdisciplinary PRONTO project "Public TRansport Networks via StOchastic Partial DiffereNTial EquatiOns" at the Department of Mathematical Sciences in collaboration with the Department of Electrical Engineering at Chalmers and the University of Gothenburg:

- Link to announcement and application system: <https://www.chalmers.se/en/about-chalmers/work-with-us/vacancies/?rmpage=job&rmjob=14932&rmlang=UK>
- Project page: <https://research.chalmers.se/en/project/12873>
- Extended application deadline: October 2, 2026

We would be happy if you could forward the announcement to relevant candidates. Please contact me (annika.lang@chalmers.se) if you have any questions.

Best regards,
Annika Lang

NASPDE 2026

(Communicated by Sonja Cox)

NASPDE 2026 will take place at the University of Oxford on 7–8 December 2026. The workshop will bring together researchers working on numerical analysis, stochastic PDEs, uncertainty quantification, and related topics. More information is available on the workshop webpage:

<https://people.maths.ox.ac.uk/djurdjevac/naspde2026/>

HIM Trimester Program: Nonlinear evolution equations with noise, Bonn, May–August 2027

(communicated by Valentin Resseguier)

We are happy to announce the HIM Trimester Program

Nonlinear evolution equations with noise

which will take place at the Hausdorff Research Institute for Mathematics in Bonn from May 10 to August 6, 2027.

The program will bring together researchers working on nonlinear evolution equations with randomness, at the interface of dispersive PDE, probability, harmonic analysis, and mathematical physics. It includes an introductory summer school, a workshop on statistical mechanics of dispersive equations, and a conference on nonlinear dispersive and wave phenomena in the presence of randomness.

The call for participation is open until November 1, 2026.

Further information and application details:

<https://www.mathematics.uni-bonn.de/him/programs/future/him-trimester-program-2-tp-2027>

Please feel free to forward this announcement to anyone who may be interested.

Best regards,
Bjoern Bringmann, Herbert Koch, Andrea R. Nahmod, Nicolas Perkowski, and Leonardo Tolomeo

