

STOCHASTICA NEWSLETTER 2

Editor's note

The action has continued growing in the last months, and more activities are being organized. There have been more talks at the online STOCHASTICA-SNIP virtual seminar series and two more talks are planned in June before the summer break. The STOCHASTICA Directions Workshop took place at University College Cork over April 27-29. The STOCHASTICA Colloquium will take place in Niš, Serbia over 26-28 August.

On June 17, the first STOCHASTICA Online Working Group Meetings will take place online. It will be the opportunity to engage into scientific discussions.

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

Events

Directions Workshop in Cork, Ireland:

The STOCHASTICA Directions Workshop took place at University College Cork over April 27-29. The first in-person gathering of the network brought together cross-disciplinary experts working with SDE models, with a mixture of plenary talks, working group discussions, and poster presentations. The event highlighted both theoretical advancements and interdisciplinary applications, including in climate, energy, biology, finance, and fluid dynamics. The workshop provided an opportunity to move beyond reporting established results and instead foster dialogue on open problems, methodological challenges, and identify new avenues for collaboration within the network.

Where available, slides for the talks can be viewed in PDF format at the workshop homepage, and photos from all 3 days of the workshop are up on our LinkedIn page.

We particularly wish to highlight PhD students **Fatima-Ezzahrae Bahou** (Moulay Ismail University, Morocco) and **Mariya Sadiki** (Université Mohammed V de Rabat, Morocco), who shared their research through poster presentations, and are recipients of bursaries funded by IBEC and the Irish Mathematical Society.

Our thanks to IBEC and the IMS for this valuable support providing networking opportunities for PhD students in the network. More information is available on our LinkedIn page.

Scientific colloquium in Niš, Serbia:

We look forward to building on the momentum generated in Cork and continuing to develop the STOCHASTICA network together. The next in-person event will be the 2026 STOCHASTICA Colloquium “Stochastic Analysis, Numerics, and Applications”, to be held in Niš, Serbia over 26-28 August. Network members are warmly invited to join us for three days of scientific exchange and collaboration. Registration for the colloquium is open until May 31 for those requesting financial support to travel and until June 30 for all others.

<https://stochastica-colloquium2026.edu.rs/register/>

For the Niš colloquium, we are pleased to announce that, in addition to travel support provided by COST, the **Applied Probability Trust** has made 5 bursaries available to support the participation of junior researchers, including PhD students, postdoctoral researchers, and early-career faculty. Awardees will be required to present a poster on their research at the colloquium.

We are grateful to the APT for this generous support of Young Researchers and Innovators in the network.

Grants

Assessment panels met in late May to decide on the award of conference grants, as well as Short Term Scientific Missions (STSMs). We are pleased to have been able to support 9 researchers to travel to conferences and discuss their research and the Action: 6 via YRI grants, 2 via ITC grants, and 1 via a dissemination grant. We have also funded 4 researchers to conduct STSMs across Europe. Look out for reports and profiles of these activities later in the year in this newsletter and on our website/social media.

Applications to the STSM funding scheme remain open with a deadline of 5pm GMT on July 1. More details are available on the website (<https://www.ucc.ie/en/stochastica/grants/short-termsscintificmissions/>). All conference grant calls are now closed until November 2026.

Graphics competition

We had 9 beautifully artistic entries in our graphics competition. All were displayed as an art gallery during the Directions Workshop, and may now be seen on the website, each with an account of the significance of the image to research in SDEs.

Congratulations to **Erwin Luesink** (University of Amsterdam) and **Carlos Escudero** (UNED, Madrid), who were awarded first and second place respectively.

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.

NAATSM 2026

(Communicated by Oana Lang and Hannelore Lisei)

NAATSM 2026 – The 5th International Conference on Numerical Analysis, Approximation Theory and Stochastic Methods – will take place in Cluj-Napoca, Romania, on 24–26 September 2026, in hybrid format (on-site and online). The conference is organized by the Department of Mathematics of Babeş-Bolyai University together with the Academy of Romanian Scientists and aims to bring together researchers working in approximation theory, numerical analysis, probability and statistics, stochastic processes, and related areas. The scientific program will include plenary lectures and contributed talks. More information is available at: <https://math.ubbcluj.ro/naatsm2026/>

Post-doc position at the University of Klagenfurt

(communicated by Michaela Hitz)

3-years post-doc position at the University of Klagenfurt in Numerical methods for SDEs will be announced soon. Please contact Michaela.hitz@aau.at if you are interested.

Award

Nadja Klein was recognized in the Women in ELLIS 2026 spotlight: celebrating their achievements, leadership, guidance, and innovation in the exciting fields of AI and machine learning across Europe.