

Call for Nominations — Sobol' Lecture

The SAMO community is pleased to announce the creation of the **Sobol' Lecture**, a distinction recognizing outstanding contributions in the broad field of simulation-based analysis, uncertainty quantification, sensitivity analysis, and related methodologies for complex systems.

The Sobol' Lecture honors the scientific legacy of Ilya M. Sobol', whose pioneering work profoundly shaped modern global sensitivity analysis and uncertainty propagation.

It aims to recognize a confirmed researcher who has already established an influential and internationally visible research program within ten years of the completion of their PhD.

It is intended to highlight researchers whose work combines mathematical depth, methodological innovation, and significant impact on applications involving complex models and computational science.

Sobol' Lecture is awarded each three year.

Eligibility

Candidates must:

- Have defended their PhD no more than ten years before 31 December of the year preceding the forthcoming SAMO conference (with possible extensions for career interruptions, according to standard academic practices¹);
- Have demonstrated internationally recognized and impactful contributions to the fields represented within the SAMO conference community;
- Be active researchers in academia, research institutes, or industry.

Self-nominations are not permitted.

Sobol' Lecture Award

The recipient of the Sobol' Lecture will receive:

- Formal recognition at the next SAMO Conference;
- An invitation to deliver a plenary lecture at the conference;
- A certificate and commemorative award.

Nomination Process

A nomination package should include:

1. A nomination letter describing the candidate's major contributions and their impact on the field;
2. The candidate's curriculum vitae (not more than 4 pages);

¹ Maternity / Adoption: Automatic extension of one year per child. Long-term sick leave / extended leave: Deferral equivalent to the exact duration of the leave granted. These informations should be provided before the nomination deadline.

3. A list of the candidate's most significant publications (up to three), together with a brief description of their importance and impact;
4. A complete list of publications should also be provided as a separate document;
5. Up to two supporting letters from internationally recognized researchers.

The SAMO community warmly encourages nominations that reflect the diversity and international breadth of the field.

Selection Committee

The recipient will be selected by an international committee appointed by the SAMO cell in charge of Sobol' Lecture. The committee will evaluate candidates based on the originality, depth, influence, and sustained impact of their research contributions.

The committee comprises individuals recognised for their strong commitment to mathematics in the field of sensitivity analysis and related areas, as well as for their experience in evaluating fundamental and applied research. It comprises seven members appointed by the chair of the jury, who is in turn appointed by the president of SAMO. At least four of the committee members sit on the SAMO board of directors, whilst at least two are external members. Particular attention will be paid to gender balance and geographical diversity in the composition of the jury.

Jury members are appointed for a single edition of the Sobol' Lecture jury, and their term may be renewed once for a further edition.

Practical information for the 1st edition of Sobol' lecture

The laureate of the 1st edition of Sobol' lecture will be invited to the 2028 SAMO conference to be held in Skopje (North Macedonia), June 13-16, 2028.

Nomination deadline: April 2, 2027

For this first edition, the jury is chaired by Clémentine Prieur (Grenoble Alpes University, France) and composed with Sergei Kucherenko (Imperial College London, United Kingdom), Frances Kuo (University of New South Wales, Australia), Véronique Maume-Deschamps (Université Claude Bernard Lyon 1, France), Art Owen (Stanford University, USA), Clémentine Prieur (Grenoble Alpes University, France), Andrea Saltelli (Universitat Autònoma de Barcelona, Spain) and Ralph Smith (North Carolina State University, USA).

All nomination materials should be submitted as a single PDF file to:

clementine.prieur@univ-grenoble-alpes.fr