

# Editorial

The 34th volume of *Ensaaios Matemáticos* (EM) consists of the set of lecture notes for the two minicourses, by Alison Etheridge and by David Nualart, delivered at the 23rd edition of the Brazilian School of Probability (XXIII EBP). The school was held at the São Carlos campus of the University of São Paulo, during July 22-27, 2019, under the organization of the ICMC, USP-São Carlos.

The lectures by Professor Nualart offered an introduction to Malliavin calculus, and discussed its applications to quantitative normal approximations. Professor Etheridge lectured on mathematical models of theoretical population genetics, with emphasis on the interplay between spatial structure and various forces of evolution. We are grateful to them for this wonderful contribution to EM, bringing the content of their courses to a much larger audience.

Besides the courses, the school included ten plenary lectures on current research topics in probability, and gave space to many contributed communications. The readers are invited to visit <http://ebp23.icmc.usp.br/> for further information about the school.

Some words go to the memory of our dear friend and colleague Vladas Sidoravicius, who prematurely left us last May. He played a crucial role in the recent development of probability in Brazil and in particular in the EBP initiative. He will be missed a lot. This XXIII EBP has been dedicated to his memory. Vladas was also a key person in the editorial board of EM, which he joined in 2004 and enthusiastically served for twelve years.

Sincere thanks to the editorial board of EM, to the EBP scientific committee members, and to my colleagues co-organizers of the school, Luiz Renato Fontes, Sandro Gallo, and Paulo A. Faria da Veiga. We also acknowledge the financial support to the EBP given by the agencies CAPES, CNPq, FAPESP, and by the University of São Paulo.

Maria Eulalia Vares (editor-in-chief)  
December 2019