

## 2021 ENBIS Awards

As the ENBIS Awards committees, it is our great pleasure to announce the 2021 award recipients.

The 2021 Award Recipients were selected by the ENBIS Awards Committees, chaired by President-Elect Jean-Michel Poggi.

For the 2021 Box Medal, committee members were: Dr. Idris Eckley, Dr. Ron Kenett, Dr. Biagio Palumbo, Dr. Antonio Pievatolo, and Dr. Martina Vandebroek.

For the 2021 Best Manager and Young Statistician Awards, committee members were: Dr. Antje Christensen, Dr. Murat Kulahci, Dr. Alberto Pasanisi, Dr. Marina Vives-Mestres, and Dr. András Zempléni.

### The 2021 Box Medal: Christine M. Anderson-Cook

In recognition of her outstanding contributions to the development and the application of statistical methods in business and industry, the 2021 George Box Medal is awarded to

#### **Christine M. Anderson-Cook (Los Alamos National Laboratory, USA)**



Christine M. Anderson-Cook is a Research Scientist in the Statistical Sciences Group at Los Alamos National Laboratory. She has led projects at LANL in the areas of nuclear non-proliferation, sequential design of experiments for carbon capture, cybersecurity, complex system reliability and using data competitions to advance algorithms for detecting radioactive materials. Before joining LANL, she was a faculty member in the statistics department at Virginia Tech. Her research areas include design of experiments, response surface methodology, reliability, multiple criterion optimization and data-centric decision-making. She is a Fellow of the American Statistics Association and the American Society for Quality. She has served on the Editorial boards of Technometrics, the Journal of Quality Technology, Quality and Reliability Engineering International, Quality Engineering and the Journal of Statistics Education. She is a long time Statistics Spotlight column contributor in Quality Progress. She was the 2018 recipient of the ASQ Shewhart Medal and winner of the ASQ Statistics Division William G. Hunter Award.

<https://www.lanl.gov/search-capabilities/profiles/christine-anderson-cook.shtml>

### The 2021 Young Statistician Award: Inez M. Zwetsloot



The recipient of the 2021 Young Statistician Award, which is aimed to recognize the work of young people in introducing innovative methods, promoting the use of statistics and/or successfully using it in the daily practice, is

#### **Inez M. Zwetsloot (City University of Hong Kong)**

Inez M. Zwetsloot is assistant professor at City University of Hong Kong (CityU) in the department of Systems Engineering and Engineering Management. She is also an affiliated faculty member of the Data Science School at CityU as well as an affiliated faculty member at the University of Amsterdam (UvA). She received her PhD in industrial and business statistics from the UvA in 2016. Her current research focuses on statistical process monitoring, applied statistics, risk and reliability analysis and statistical engineering. She is particularly interested in using data to improve business and quality problem.

[https://scholars.cityu.edu.hk/en/persons/inez-zwetsloot\(d3ba36d5-b849-44d3-a3f8-1d178f6e13c0\).html](https://scholars.cityu.edu.hk/en/persons/inez-zwetsloot(d3ba36d5-b849-44d3-a3f8-1d178f6e13c0).html)

## The 2021 Best Manager Award: Bertrand looss

**The recipient of the 2021 Best Manager Award**, which is meant to recognize managers who gave a significant contribution to the success of their companies by advancing the spread and the practice of statistics in them, is



### **Bertrand looss (EDF R&D, France)**

Bertrand looss works as a senior researcher in industrial statistics at Electricité de France (EDF). He currently manages a CEA-EDF-Framatome research project named “Uncertainty quantification and machine learning” for electricity production needs, in particular for the nuclear industry. He obtained his Ph.D thesis in Geostatistics at the Paris School of Mines (1998) and his habilitation thesis in Statistics at Toulouse University (2009). His main research works involve the design, analysis, modeling, uncertainty quantification and validation of computer experiments, related to nuclear safety and environmental problems. He is currently interested in the topics of interpretability and validation of machine learning techniques. B. looss has provided several Master courses in French engineering schools, supervised or co-supervised 10

PhD thesis students and 30 students in Master internships. He has published around 50 papers in international journals and is the maintainer of two R packages on sensitivity analysis (sensitivity) and structural reliability (mistral). He is the co-author of two books on global sensitivity analysis techniques (one in French and one soon published by SIAM editor).

<https://biooss.l.wixsite.com/bertrand>

### **The awards will be presented at the 2021 ENBIS conference**

Jean-Michel Poggi, President-Elect and Chair of the ENBIS Award Committees