

Sampling Science & Technology: Inaugural Editorial Board

DOI: 10.62178/sst.002.008

SST is proud to announce the SST inaugural editorial board (2024), which will resume its duties and responsibilities effective after publication of SST#2.

The editorial board is comprised by seven distinguished academics and scholars, industrial experts and consul-

tants, all with profound expertise extensive experience regarding sampling in science, technology, industry, commerce and society.

The editor extends a warm welcome to all!



Richard Minnitt

Professor Emeritus, Witwatersrand University, consultant

Richard Minnitt completed a M.Sc. in geology in the Murchison Range and a Ph.D. in the Richtersveld regions of southern Namibia. He joined Anglo American and later JCI, after which he spent 14 years doing contract and consulting work. He completed a second MSc in mining and joined the School of Mining Engineering at WITS in 1995, where he taught courses in Mineral Economics and Geostatistics. His interest in sampling of particulate materials arose from the numerous visiting lecturers he invited to Wits University including Dominique Francois Bongarçon, Francis Pitard, Geoff Lyman and Kim Esbensen. Dick retired from Wits in 2017 but continues to consult for international mining companies and research in his fields of interest. He now holds a position as a Visiting Emeritus professor where he continues to teach postgraduate classes and supervises M.Sc. and doctoral students.



Stéphane Brochot

Managing director CASPEO

Stéphane Brochot obtained his Ph.D. in physics from the University of Orleans-Tours and completed his education with a degree in mathematical engineering and computer processing. He joined BRGM (the French Geologic Survey) in 1991 as a researcher and as head of software development. Since 2004, Dr. Brochot has been co-managing director of Caspeo, where he continues research on mineral processing modelling and simulation, sampling, data reconciliation and metal accounting. Brochot is one of the inventors of INVENTEO. His extensive expertise in sampling has been beneficial for several mining companies and other industries dealing with sampling of solids.



Claudia Paoletti

Program Manager, ENABLE Department, European Food Safety Authority (EFSA)

Claudia Paoletti did her Master in Biological Science at the University of Rome (Italy) and her Ph.D. in Plant Genetics at the University of Connecticut, USA. For three years she was at Dalhousie University (Canada) studying plant population genetics and biometry. She continued her activity at the Research Institute for Industrial Crops in Bologna (Italy) where she focused on the evaluation of the risks of transgenic crops. In January 2006 she joined the GMO Unit of the European Food Safety Authority (EFSA) first as Team Leader and then as Deputy Head of the Unit. In 2019 she was appointed manager of the programme designed to reorganise the EFSA in preparation for the new European Law on food safety. She has been the Italian expert for the definition of the European Commission sampling plans for GMO detection in conventional seeds. She coordinated the European sampling research project KeLDA and she has been the biometric officer of the EU Community Reference Laboratory for GMOs. She is expert consultant for ISO/IWA committees, OECD, CEN, the European Commission and FAO. She organised international training courses on food/feed safety for the European Commission, UNIDO, PHARE project and universities within and outside Europe. She has over 90 contributions either as book chapters, or as peer-reviewed papers.



Simon Dominy

Associate Professor, Camborne School of Mines, University of Exeter; consultant

Simon Dominy is a mining geologist-engineer with over 25 years based in operations, consulting and academia. He has experience across mine production, corporate business development, and multi-disciplinary studies. Simon has a background in underground operations management and technical/leadership roles, with multi-commodity and continent experience. He has worked across the mine value chain from project studies, through to mine reopening/development, operations and operational improvement. He is a Visiting Associate Professor at the Camborne School of Mines, University of Exeter, UK, and holds technical roles with Novo Resources Corporation, Artemis Resources Ltd and OCX Gold Group.



Rodolfo Romañach

Department of Chemistry, University of Puerto Rico at Mayagüez

Rodolfo Romañach is Professor of Chemistry at the University of Puerto Rico – Mayagüez Campus, and site leader for the Center for Structured Organic Particulate Systems. He worked in the pharmaceutical industry for over 12 years before joining the UPR Chemistry Department in 1999. He found his mission in training a new generation of pharmaceutical scientists capable of doing real time process measurements in the manufacturing area. He is presently continuing efforts to improve the teaching of chemometrics and the Theory of Sampling to further understanding the errors affecting real time process measurements—and what to do about it all.



Pentti Minkkinen

Professor Emeritus, Lappeenranta University of Technology, Sirpeka Oy

Pentti Minkkinen received his MSc (eng.) from Helsinki University of Technology in 1969. He then worked as an Associate Expert in two UN Development Program mineral exploration projects in Turkey and in Egypt before completing his graduate studies at Helsinki. In 1976, he started as Associate Professor (Inorganic and Analytical Chemistry) at a newly founded University, Lappeenranta University of Technology, from which retired as full professor by the end of 2007, after a 40+ year tenure. Here he started teaching the theory and applications of sampling in 1978, soon also chemometrics, as an important part of process analytical chemistry. He has been lecturing sampling at undergraduate and graduate courses at several universities, at professional continuing education courses, and at numerous conferences and at industry courses. After retirement, he worked three periods as Visiting Professor at Aalborg University, Campus Esbjerg, Denmark in Prof. Esbensen's research group (2007, 2008 and 2009). In 2012, he founded Sirpeka Oy from which he offers consulting services on sampling, analytical quality control and in chemometrics. At his old university, now amalgamated and named Lappeenranta Lahti University of Technology (LUT), he continues his scientific career as Professor emeritus. Prof. Minkkinen was the founding chairman of the continuing biannual conference series, Scandinavian Symposium of Chemometrics. He was also co-chairman for the first World Conference on Sampling and Blending. He is the founding chairman of the Discussion Group of Chemometrics in the Finnish Chemical Society. He has published ~80 papers on chemometrics and sampling in refereed journals and conference proceedings; his invited and contributed lectures in various conferences and symposia contributions is close to 200. He has received three international awards, the Kowalski Prize in Chemometrics (2002), the Herman Wold Gold Medal in Chemometrics (2007) and the Pierre Gy Sampling Gold Medal (2005).



Claas Wagner

Professor, University of Applied Sciences, Lucerne, Switzerland

Claas Wagner originally trained as an economist, realized that his real interests were with environmental and energy related topics. Sustainable resource management, emission reduction procedures and energy efficiency issues share common ground: decisions need to be based on valid data. This led to Claas' Ph.D. on representative sampling and data analysis for quality monitoring in large-scale combustion plants. Since almost 10 years, Claas is professor in Environmental Engineering and Ecology at the University of Applied Sciences Lucerne, Switzerland, focusing on environmental impact analysis and evaluation tools. Claas also combines his fields of interest as a consultant providing quality assurance approaches for various industries.



Kim H. Esbensen

Editor

Kim H. Esbensen, M.Sc. (geology, Aarhus University), Ph.D. (Technical University of Denmark), Dr. (hon) (Technical University of Lappeenranta) has been research professor in Geoscience Data Analysis and Sampling at GEUS (National Geological Surveys of Denmark and Greenland (2010–2015), Chemometrics & Sampling professor at Aalborg University (2001–2015), professor (Process Analytical Technologies) at Telemark Institute of Technology, Norway (1990–2000 and 2010–2015) and professeur associé, Université du Québec à Chicoutimi (2013–2016). From 2015 he phased out a more than 30-year academic career for a new quest as an independent researcher and consultant. But as he could not terminate his love for teaching, he is still very active as an international visiting, guest and affiliate professor. A geologist/geochemist/metallurgist/data analyst of training, he has been working 20+ years in the forefront of chemometrics, but since 2000 has devoted most of his scientific R&D to the theme of representative sampling of heterogeneous materials and processes (Theory of Sampling (TOS), PAT (Process Analytical Technology) and chemometrics). He is a member of several scientific societies and has published over 200 peer-reviewed papers and is the author of a widely used textbook in Multivariate Data Analysis (35,000 copies), (6.th edition 2018). He was chairman of the taskforce behind the world's first horizontal (matrix-independent) sampling standard DS 3077 (2013; 3rd rev. 2024). He founded the magazine TOS forum and the Sampling Column in Spectroscopy Europe/World, amalgamated into Sampling Science and Technology (2024), for all three steering matters as editor. In 2020 he published the textbook: Introduction to the Theory and Practice of Sampling. He received the Russian Chemometrics Society (RCS) Gold Medal (2012); the Pierre Gy Sampling Gold Medal (2013) and the IPGSA Distinguished Service Award (2024).

TOS forum

Starting 2024 *Sampling Science and Technology* (SST) is a direct continuation of *TOS forum*, which was published by IMPublications in the decade 2013–2023.

The complete archive can be found here:

sst-magazine.info/tos-forum

