

Plenary Speaker

International Conference on Low Carbon Asia (ICLCA2023)

17-18 October 2023, Okayama Convention Center



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Prof Varbanov is the Head of SPIL – Sustainable Process Integration Laboratory, NETME Centre, FME, Brno University of Technology – VUT Brno, Czech Republic. His main fields of activity are energy saving and efficiency, development and implementation of Process Integration, Total Site and regional integration for energy, water, and Circular Economy– including retrofit, waste to energy, and wastewater minimization leading to GHG and water footprints reduction. He has published over 290 papers indexed by the Web of Science with an H-Index of 39. He is a co-author of three books and several chapters in books.

Petar Varbanov got PhD in Process Integration from UMIST (Manchester, UK) with distinction in 2004. He was awarded Dr-Habil from the University of Miskolc in February 2020. The President of Poland has awarded him the Professor title after a thorough vetting procedure by the Council of Scientific Excellence of Poland.

Prof Varbanov is the Co-Editor-in-Chief of the Elsevier journal “Cleaner Energy Systems”, Subject Editor of the Elsevier journal “Energy – The International Journal”, and the European Editor of the Springer Journal “Clean Technologies and Environmental Policy”. He served as the Managing Guest Editor and Guest Editor of the Journal of Cleaner Production, Energy, Applied Thermal Engineering, Computers and Chemical Engineering.