Dr. rer. nat. Claus-Peter Rückemann



Dr. rer. nat. Claus-Peter Rückemann is a senior lecturer and scientist at the Leibniz Universität Hannover and at the Westfälische Wilhelms-Universität Münster (WWU), Germany. He holds an University-Diplom degree in geophysics and a Doctorate degree for natural sciences in geoinformatics, informatics, and geosciences from the Faculty of Mathematical and Natural Sciences, WWU.

Dr. Rückemann teaches Information Science, Security, and Computing at the Institute for Legal Informatics, University of Hannover, in the European Legal Informatics Study Programme. His research concentrates on information science, focusing on complex multi- and inter-disciplinary, complementary knowledge, especially targeting archaeo information science, conceptual, metacognitive, and methodological insight potential from integration of natural sciences and humanities, prehistoric, archaeological, and geoscientific disciplines.

He studied geophysics, theoretical, applied, and experimental physics, mathematics, geology, palaeontology, mineralogy, computer science and archaeology, prehistory, history, philology, and philosophy.

He is the Chair of the Board on Advanced Computing and Emerging Technologies of the International Academy, Research, and Industry Association (IARIA), Chair of the Board of Trustees, DIMF, and Fellow Member of the International HPC and Artificial Intelligence Advisory Council.

Dr. Rückemann is theGeneral Chair and Chair of the Steering Committee of the International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing), General Chair and Chair of the Steering Committee of the International Conference on Advanced Communications and Computation (INFOCOMP), Chairman of the International Symposium on Advanced Computation and Information in Natural and Applied Sciences (SACINAS) of the International Conference on Numerical Analysis and Applied Mathematics, head of research of the LX Foundation, and the director of the GEXI Consortium.

He has extensive practice and experience of more than 25 years leadership and management in successful planning, organising, leading, and controlling of national and international groups, in interpersonal, informational, and decisional roles. Dr. Rückemann is an internationally active and reputed scholar who serves as member and chair of more than 30 international advisory boards and councils, scientific steering committees, research grant committees, scientific auditing and peer review committees, panels, editorial boards, and research networks, spanning the Americas, Europe, Middle East, Asia, and Australia.

He is a member of the permanent commission of the science council and the board of trustees (DIMF). Dr. Rückemann was the Executive Head and Principal Scientist in more than 100 scientific research, study, and course projects and participating member of more than 70 scientific research projects and scientific research and studies campaigns, regarding theory and practice.

He was also on duty for HLRN, managing the largest supercomputer resources in Northern Germany for more than 13 years.

Dr. Rückemann is the author and editor of numerous scientific publications awarded with more than a dozen international Best Paper Awards and has been distinguished with the Grade IARIA Fellow for his scientific research on the state of the art improvement in High Performance Computing, Information Systems, Distributed Computing, and international collaboration.
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