



Kerstin Kleese van Dam (recipient of the 2006 British Female Innovators and Inventors Silver Award) is the Director of the Computational Science Initiative at Brookhaven National Laboratory in the USA, leading BNL's computer science and mathematics R&D portfolio.

Prior positions included Associate Division Director, lead of the Scientific Data

Management group, Chief Scientist and Lead Data Services at the Pacific Northwest National Laboratory in the USA; Director of Computing at the Bio-Medical Faculty at the University College London, UK; IT Program Manager and lead Scientific Data Management Group at the Science and Technology Facilities Council in the UK, HPC specialist at the German Climate Computing Center (DKRZ) and Software Developer at INPRO, a research institute of the German Automotive Industry. Kerstin has led a range of multi-disciplinary data management and analysis efforts in scientific domains such as Molecular Science (e-Minerals), Materials (e-Materials, Materials Grid, Chemical Imaging Initiative), Climate (DOE BER Accelerated Climate Modeling for Energy (ACME), DOE BER Climate Science for a Sustainable Energy Future (CSSEF), PNNL Platform for Regional Integrated Modeling and Analysis, NERC Data Services), Biology (DOE Bio Knowledgebase Prototype Project, Integrative Biology, BBSRC Archival Services), Chemical Imaging (Analysis in Motion, REXAN, ICAT), Power Grid (PNNL Future Power Grid Initiative) and High Energy Physics (BELLE II). She has over 100 peer reviewed publications, book chapters and has edited a book on Data-Intensive Science.

Her research is focused on data management and analysis in extreme scale environments. For more details see

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