

Keynote 1: From Container to Multicloud – Meeting the Data Management Challenges!

Sanil Kumar D., SODA Foundation Open Source and Huawei Technologies

Abstract: We will explore the current state and trend on container and multicloud. Based on this trend, what are the key technical areas we are focusing on at SODA Foundation through its open source projects and initiatives? We will also discuss high level architecture and plan for these projects. What are the ways, the developers and academia could collaborate with these open source projects and SODA Foundation for data management technology research and development?

Speaker bio: Sanil is Chief Architect at Huawei Technologies India and Co-Chair, Architecture Lead at SODA Foundation. Sanil has 22+ years of product development expertise in Linux, Open Source, ARM Ecosystem, Cloud, Data Management, Edge Computing, Blockchain and Distributed Computing. He incubated, maintains and supports multiple open source projects like KubeEdge, SODA Projects & Centaurus). He has multiple patents, technical publications, & speaking sessions at international conferences. He mentors MNCs and young developers in their open source journey. He is a governing board member of CCICI and works with industry organizations like IEEE, Linux Foundation, SNIA, OSI and OTF.

Closing Keynote

Prof. DK Panda, Ohio State University

Speaker bio: Dr. Dhabaleswar K. (DK) Panda is a Professor and Distinguished Scholar of Computer Science at the Ohio State University. He obtained his Ph.D. in computer engineering from the University of Southern California. His research interests include high-performance computing, high-performance networking (InfiniBand), big data analytics (Spark and Hadoop), Deep Learning, cloud computing, Virtualization, GPUs and accelerators, file systems and storage, and exascale computing. He has published over 500 papers in major journals and international conferences related to these research areas. He has served as an Associate Editor of IEEE Transactions on Parallel and Distributed Systems (TPDS), IEEE Transactions on Computers (TC), and Journal of Parallel and Distributed Computing (JPDC). Currently, he is serving as a Co-Editor-in-Chief of CCF Transactions on High-Performance Computing. Prof. Panda is a motivated speaker. He has Served as an IEEE Distinguished Visitor and an IEEE Chapters Tutorial Speaker. Dr. Panda is a Fellow of IEEE and a member of ACM.