Introduction

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Biographical notes: Eduardo Alchieri received his PhD from the Federal University of Santa Catarina, Brazil, in 2011. He is currently a Professor with the Department of Computer Science, University of Brasília, Brazil. His research interests include the theory and practice of secure and dependable distributed systems. He has also been collaborating as a program committee member for conferences such as DSN, DAIS and LADC.

José Orlando Pereira holds a PhD in Computer Science in 2002 from the University of Minho. He is currently an Associate Professor at the University of Minho and a senior researcher at the INESC TEC in fault tolerant distributed systems and distributed data management systems. Recently he has been focusing on data storage and processing in cloud computing. He has also been collaborating as a PC member for conferences such as DSN and ISSRE.

The Latin-American Symposium on Dependable Computing (LADC) is the major event on computer system dependability in Latin-America and is composed of technical sessions, workshops, tutorials, fast abstracts, keynote talks from experts in the area, and an industrial track. The symposium scope includes recent research results on software and system dependability. The symposium is promoted by the Special Committee on Fault-Tolerant Systems (CE-TF) of the Brazilian Computer Society (SBC). All aspects of dependable and secure systems and networks are within the scope of LADC, including fault-tolerant architectures, protocols, and algorithms, models for performance and dependability evaluation, as well as experimentation and assessment of dependable and secure systems and networks.

This special issue publishes extended versions of selected papers from LADC'2022. These papers report on recent work on algorithms and solutions for highly available virtual network functions (VNF), fault-tolerant parallel sorting algorithms, and dependability on real-time networks.

We hope you enjoy your reading of the papers.