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IA FOR SMART CITIES, WITH A FOCUS ON PUBLIC HEALTH

The world is becoming more urban, with more people living in big cities. Life quality is largely affected by the services provided by the cities to its citizens. As part of the Brazilian Artificial Intelligence strategy, The Brazilian Ministry of Science, Technology and Innovation, together with the São Paulo Research Foundation (FAPESP) and the Brazilian Internet Steering Committee (CGI.br), launched a national call for national applied research centers in artificial intelligence. The goal was to support 4 centers, in the areas of agriculture, health, industry and smart and sustainable cities. For smart cities, the approved proposal was IARA (Artificial Intelligence Recreating Environments). The IARA center was created to support smart, sustainable and inclusive cities using artificial intelligence. Many IARA initiatives are in public healthcare. In this talk, I will present IARA and some of these initiatives.

SPEAKER

ANDRÉ CARLOS PONCE DE LEON FERREIRA DE CARVALHO
[UNIVERSITY OF SÃO PAULO, SÃO CARLOS, BRAZIL]

André C P L F de Carvalho is Professor and the current Dean of the Institute of Mathematics and Computer Science, University of São Paulo, Brazil. He coordinates the Brazilian Applied AI Research Centre for Smart and Sustainable Cities IARA the National Science and Technology Institute of AI for Social Good and of the Embrapii Unit in Data Science at ICMC-USP. He is a member of the Computer Science Advisory Committee of the Brazilian National Council for Scientific and Technological Development (CNPq), of the Steering Committee of the International Network for Government Science Advice (INGSA) Latin American and Caribbean Chapter, of the UK Expert Advisory Panel for the AI Safety Report and of Chair of the Working Group on Machine Learning and Data Mining of the International Federation for Information Processing (IFIP) Technical Committee on Artificial Intelligence. He was Vice President of the Brazilian Computer Society for two terms.

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