
CONASENSE2022 Invited Talks – IoT Cooperation Opportunities Towards Brazil

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1. INTRODUCTION

In this CONASENSE session, three Brazilian representatives of relevant IoT entities were invited to debate on current cooperation possibilities.

The session started with a talk by Rodolfo Azevedo, President of the Brazilian university UNIVESP, who explained how UNIVESP is addressing remote teaching in large scale, thus bringing a relevant example of a potential 6G use-case (large-scale immersive education environments) to discussion and alerting for challenges that need to be addressed.

Sergio Gaulindo, president of BrassCom, introduced the initiative and efforts being developed towards a large-scale use of IoT.

Paulo Spacca, president of the Brazilian Association of IoT (ABINC), introduced the development of IoT in Brazil, and key areas being addressed.

2. INFORMATION TECHNOLOGY COURSES IN LARGE SCALE TO SUPPLY NATIONAL DEMANDS, RODOLFO AZEVEDO, PRESIDENT OF UNIVESP, BRAZIL

PRESENTATION

Abstract: According to official statistics, Brazil lacks more than 40k new IT professionals every year. From this number, 26k new jobs are created in São Paulo. In this presentation, we will show UNIVESP's approach to provide bachelor's degree to thousands of students around the state through distance learning. Currently, we have 14k computing students, and we plan to reach 20k by the end of 2022, when we will start graduating in large scale. We will also show how we organized the curriculum of 3 computing courses that share a common core and how we have been partnering with companies to bring the students to market.



Bio: Rodolfo Azevedo is President of the São Paulo Virtual University (UNIVESP) since 2019 and full professor at University of Campinas (UNICAMP). His main research interests are in Computer Architecture and Technology for Teaching where he advised more than 40 MsC and PhD students and received 4 best papers in conferences. He was member of the Brazilian Computing Society Council, and Director of the Institute of Computing at Unicamp from 2017 to 2019. He is member of IEEE, ACM and SBC.

3. INTRODUCTION TO BRASSCOM IOT AND EDUCATIONAL INITIATIVES, SERGIO PAULO GAULINDO, PRESIDENT OF BRASSCOM, BRAZIL



Sergio Paulo Gallindo, CEO of Brasscom, Companies' Association of Information and Communication Technology (ICT) and Digital Technologies, since 2014, works in conception and fostering public policy aimed at competitiveness, digital transformation, education, and innovation.

Sergio Paulo is Lawyer and Engineer; Master's in Political and Economic Law by Mackenzie Presbyterian University; M.Sc. in Computer Science by The University of Texas at Austin, under a Fulbright scholarship; Bachelor's in Law by USP, University of São Paulo; Bachelor's in Electronic Engineering by UFRJ, Federal University of Rio de Janeiro; and lecturer of Tax and Digital Economy in the Tax Management MBA at USP/ESALQ. Member of the Management Committee of ICP-Brasil, under Brazilian Presidency; member of several advisory boards in the Ministry of Science, Technology and Innovation; member of the Advisory Board of the Social Opportunity Institute – IOS; member of the Certification Board of Vanzolini Foundation; former associated with the Harvard Business School Angels of Brazil; former member of The Economic and Social Development Council to the President of Brazil. Country Manager of BT (British Telecom) Brazil from 2009 to 2014 and Vice-President of Nortel Brazil.

4. IOT IN BRAZIL, UNDERSTANDING CHALLENGES AND OPPORTUNITIES, PAULO JOSÉ SPACCAQUERCHE, PRESIDENT OF ABINC (BRAZILIAN ASSOCIATION OF IOT)



Paulo Jose Spacca is currently the President of ABINC, the Brazilian Association of IoT. He has more than 40 years of professional experience working closely with leading technology companies such as IBM and SAP, as well as banks and retail companies. He is responsible for the implementation in Brazil of American companies such as Sybase, Netscape, Peoplesoft, Quest and others. Excellent relationship with the main executives of national and multinational companies,

mainly in the Finance, Public Services, Media, and Government sectors. He was also a professor at IBM for the sales courses.