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About me

She has graduated in Computer Engineering (2003) in ITA (Instituto Tecnológico de Aeronáutica – www.ita.br). She has master (2006) and Phd (2012) in Electronic and Computer Engineering also at ITA. She has worked at Embraer for six years. Nowadays, she is Adjunct Professor at ITA. Her research area is critical systems, including topics as system/software engineering, safety, and formal methods. Other interests are collaborative systems and education.

Papers regarding Critical Systems

CASTRO, M. M. H. ; BEZERRA, J. M. ; Hirata, C.M. . A CNL to Requirements as the Basis to Automate Tasks of Critical System Development. In: Digital Avionics Systems Conference (DASC), 2015, Prague, Czech Republic. Proceedings of the Digital Avionics Systems Conference (DASC), 2015.

GURGEL, D. L. ; BEZERRA, J. M. ; Hirata, C.M. . A Workflow based on Hazard Rules to Aid STPA Analysis. In: Digital Avionics Systems Conference (DASC), 2015, Prague, Czech Republic. Proceeding of the Digital Avionics Systems Conference (DASC), 2015.

DOMINGUES, R. P. ; BEZERRA, J. M. ; Hirata, C.M. . Design Recommendations for the Development of Airbone Multi-Core Systems. In: Digital Avionics Systems Conference (DASC), 2015, Prague, Czech Republic. Proceedings of the Digital Avionics Systems Conference (DASC), 2015.

VILLELA, C. D. ; SANO, H. H. ; BEZERRA, J. M. . Modeling Guidelines and Usage Analysis Towards Applying HiP-HOPS Method to Airborne Electrical Systems. In: SAFECOMP, 2015, Delft, The Netherlands. Proceedings of International Conference on Computer Safety, Reliability and Security (SAFECOMP), 2015.

MASINI, H. F. ; FRANCA, R. B. ; BEZERRA, J. M. ; Hirata, C.M. . An Approach to Generate Optimized Cyclic Scheduling from AADL Specification. In: Digital Avionics Systems Conference (DASC), 2014, Colorado Springs. Proceedings of the Digital Avionics Systems Conference (DASC), 2014.

ALMEIDA, M. A. ; BEZERRA, J. M. ; Hirata, C.M. . Automatic Generation of Test Cases for Critical Systems Based on MC/DC Criteria. In: Digital Avionics Systems Conference (DASC), 2013, Syracuse. Proceedings of the Digital Avionics Systems Conference (DASC), 2013.

HERNANDES, G. D. ; BEZERRA, J. M. ; Hirata, C.M. ; STARR, R. R. . Towards a Workflow to Support the Integration of Aircraft Systems Models. In: Digital Avionics Systems Conference (DASC), 2013, Syracuse. Proceedings of the Digital Avionics Systems Conference (DASC), 2013.

BEZERRA, J. M. ; Hirata, C.M. . A Polyadic pi-Calculus Approach for the Formal Specification of UML-RT. Advances in Software Engineering (Print), v. 2009, p. 656810, 2009.

BEZERRA, J. M. ; Hirata, C.M. . A Semantics for UML-RT using pi-calculus. In: 18th IEEE/IFIP International Workshop on Rapid System Prototyping (RSP), 2007, Porto Alegre. Proceedings of the 18th IEEE/IFIP International Workshop on Rapid System Prototyping (RSP), 2007.

Hirata, C.M. ; Anzaloni, A. ; Pontes, G.M. ; BEZERRA, J. M. . UCONTROL: A Bluetooth for controlling devices. In: 6th World Multiconference on Systemic, Informatics, and Cybernetics, 2002, Orlando. Proceedings of the 6th World Multiconference on Systemic, Informatics, and Cybernetics, 2002.

Papers regarding Collaborative Systems

BEZERRA, J. M. ; DINIZ, L. S. ; MONTALVAO, V. S. ; Hirata, C.M. . Effects of Task Significance, Coordination and Incentive Mechanisms on Motivation of Online Teams. In: WEBIST, 2015, Lisboa. Proceedings of WEBIST, 2015.

BEZERRA, J. M. ; MARQUES, G. C. ; Hirata, C.M. . AHP-based Metric for Tie Strength of Online Friendhips. In: WEBIST, 2015, Lisboa. Proceedings of WEBIST, 2015.

MONDADORI, J. A. P. ; BEZERRA, J. M. ; BASOTTI, M. ; CORTELETTI, D. ; BELDERRAIN, M. C. N. . Criteria Identification for Evaluating Potential Improvements in Energy Efficiency. In: EURO, 2015, Glasgow, UK. Proceedings of the 27th European Conference on Operational Research (EURO), 2015.

BEZERRA, J. M. ; Hirata, C.M. ; BATTAGELLO, A. A. . Investigating Collaboration and Effectiveness of Virtual Teams with Distinct Organization Types. In: WWW/Internet, 2012, Madrid, Espanha. WWW/Internet, 2012.

BEZERRA, J. M. ; Hirata, C.M. . Applying Online Conflict Management in Wiki Communities. Revised Selected Papers ICEIS 2011 - Lecture Notes in Business Information Processing (LNBIP). 1ed.: , 2011, v. 102, p. 333-348.

BEZERRA, J. M. ; Hirata, C.M. . Self-Organization of Virtual Communities: Need and Members Participation. In: International Conference on Web Information Systems (WEBIST), 2011, Noordwijkerhout. International Conference on Web Information Systems (WEBIST), 2011. p. 486-493.

BEZERRA, J. M. ; Hirata, C.M. . Conflict Management Process for Virtual Communities. In: 13th International Conference on Enterprise Information Systems (ICEIS), 2011, Beijing. Proceedings of the 13th International Conference on Enterprise Information Systems (ICEIS),, 2011. v. 4. p. 33-42.

BEZERRA, J. M. ; Hirata, C.M. . Motivation and its Mechanisms in Virtual Communities. In: 17th CRIWG Conference on Collaboration and Technology, 2011, Paraty - RJ. Proceedings of the 17th CRIWG Conference on Collaboration and Technology, 2011. p. 57-72.

BEZERRA, J. M. ; Hirata, C.M. ; Santos, E.M. . An Access Control Model for Massive Collaborative Edition.. In: 9th International Conference on Enterprise Information Systems (ICEIS), 2010, Funchal. Proceedings of the 9th International Conference on Enterprise Information Systems (ICEIS), 2010.

BEZERRA, J. M. ; Hirata, C.M. . Enforcement of Norms in Self-Organizing Virtual Communities. In: IADIS International Conference WWW/INTERNET, 2010, Timisoara. Proceedings of the IADIS International Conference WWW/INTERNET, 2010. p. 127-134.

Papers regarding Education

BEZERRA, J. M. ; RIBEIRO, C. H. C. . A Case Study of an Innovative Experience in Engineering Education in Brazil. In: CDIO Conference: Engineering Leadership in Innovation and Design, 2013, Cambridge. Proceedings of the CDIO Conference, 2013.