Alberto Ferrari

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Alberto Ferrari is leading the Model-Based Digital Thread Process Capabilities Center (PCC), an organization part of the corporate Technology & Global Engineering function at RTX. The mission is to develop cross-business synergies, accelerate innovation through demonstrated solutions, and attract, develop and retain talent in the area of digital product lifecycle (digital thread and digital twin).

Prior to this role (2018), Alberto was the cofounder and director of the innovation company ALES, which becomes part of United Technologies Research Center (UTRC), in 2012, and now is part of Collins ART.

Alberto's passion is on developing and deploying new model-based methods and tools for the design and verification of cyber-physical systems to improve efficiency, quality and design time. Before joining RTX he has been consulting in this area for many companies in the automotive and aerospace domains. He has been the technical coordinator of multiple European Projects and he is the author of several technical papers on design tools and methodologies for embedded systems, safety-critical embedded controllers, and hybrid systems. He has taught courses on embedded systems at the University La Sapienza (Roma) and University of Ancona, Italy. Alberto received his master's degree and Ph.D. in electrical engineering and computer science at the University of Bologna, Italy, and he has been a visiting fellow at the University of California, Berkeley.