



Dr. David Coccarelli has spent most of his professional and academic careers working on image reconstruction and system analysis as they pertain to X-ray systems. He has worked in the aviation security space since 2014 when he started research into X-ray simulation and system analysis as a graduate student at Duke University. He wrote his dissertation on information-theoretic analysis of X-ray systems and helped to develop a number of X-ray simulation and analysis tools. Dr. Coccarelli has been the Vice President of Operations at QuadriDox, Inc. since 2019 where he helps lead the transition of novel technologies from academia to industry.