Imaging Science, an Industrial Subject in an Applied Mathematics Laboratory, Lessons and Perspectives

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ABSTRACT

In this talk I would like to discuss my educational path, during which I switched between research on industrial problems and applied mathematics. I started my professional career in an industrial R&D laboratory, then moving in an applied mathematics laboratory for my PhD. The main subject of my research is imaging science and inverse problems. I will conclude with the advantages that I obtained thanks to my experience in mathematical research, and the benefits in the field of industrial research.