

Biased Industry Perspective on Basic and Applied Research. Experiences from a PhD on Magnetism in an Engineering World.

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The lecture deals with the personal journey of a passionate researcher on basic magnetism, insanely reluctant to any practical application, into an Engineering Expert position within AIRBUS, a global aeronautical manufacturer of flying machines.

This experience intends to illustrate the vast field of professional paths that leading technological corporations offer to PhD researchers. An overview of the company portfolio and the strong muscle on innovation, research and development capabilities required for placing these products on the market is presented. Consideration to personal aptitudes and attitudes towards collaborative resolution of tasks and search for common excellence is outlined. The main objective is to provide a glimpse into actual alternatives for professional development outside the pure academic world that besieges PhDs aspirations.