

International perspectives on the connections between the mathematical education and the industry: the case of Spain

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The central topic of the talk is to describe the Spanish situation of the interaction between the mathematical education and the industry. We will present the characteristics of the mathematical teaching in the Spanish system of education, from the secondary and high school to the undergraduate and postgraduate university courses (degree, master, and doctorate). We will pay special attention to the offers of formation in the industrial mathematics. We will analyze the difficulties, the employment of the mathematicians in the companies and industries and the perspectives that turn to the mathematics in a fundamental key for scientist and technician advance of modern societies.