

# Dr. Mark Mantel

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Marc Mantel has B.S; M.S; and Ph.D. Degrees in Physics and Materials from the National Institute of Applied Science in Lyon-France. After his Master Degree in 1981, he spent two years in Morocco teaching physics and chemistry. His Ph.D. work concerned martensitic transformation in shape memory alloys. Then he joined the Ugine Research Center (Usinor Group) in 1986 working for 7 years in the field of metal oxidation, creep properties and development of stabilized ferritic stainless steels. Then he spent one year in the Virginia Polytechnic Institute (USA) as a visiting scientist working in metal surface science. Back in the Ugine Research Center in 1994, he worked on metal polymer interface for the development of composite material. From 1998 to 2001, he managed the Research Center in Acesita (Brazil) and was involved in carbon steels, silicon steels for electrical applications and stainless steels. In May 2001, he succeeded in the HDR degree (Habilitation à Diriger la Recherche) from Grenoble INP. In 2002, Dr. Mantel joined the stainless steel long product division of Arcelor and was in charge of the research program and development of new products. He was appointed director of the Ugitech research Center in 2006, and he is since 2012, associate professor at the Grenoble INP Phelma and scientific director of Ugitech.

## **Publications**

Papers in referred journals: 37

Papers in conference proceedings: 122

Patents: 11

PhD direction and co-direction: 21

## **Distinctions**

Prix Jean RIST - Société Française de Métallurgie (octobre 1991)

Prix Ugine-Renée Castro - Société Française de Métallurgie (octobre 2000)

Prix ABM Association Brésilienne de Métallurgie (Juillet 2002)

Prix ACESITA Association Brésilienne de Métallurgie et Matériaux (Juillet 2003)