Bruno Mortaigne was a graduate from the University Pierre et Marie Curie (Paris VI) of Paris and received a master degree in chemistry (physico chemical analysis by mass spectrometry). He received his material and structure PhD in 1988, from Ecole Nationale Supérieure d'Arts et Métiers, in PIMM (Procédés et Ingéniérie en Matériaux et Mécaniques) laboratory.

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In 2000, he worked as a technical expert on organic material for aeronautic structures in DGA. In 2005, he obtained a position of head of material department as senior expert. Since 2010, Bruno Mortaigne joined the DGA strategy directorate, as head of "material, chemistry and energy" scientific domain. Currently, the main focus of his work is to coordinate scientific activities, to cooperate with other ministry and agency, to identify and promote the key technological capability and develop cooperation projects between industry and university to answer DGA technical needs.