

Curriculum Vitae

Isabel Maria Adame Valero was born in Seville, Spain, in 1978. She graduated as *Honor Student* from High School at the Aljarafe College in Sanlucar la Mayor (Spain) in 1996. In the same year, she started her University Education at the faculty of Telecommunication Engineering of the University of Seville, from which she graduated with *Highest Distinction* (and received the M.Sc. degree) in 2002. Her graduation project involved segmentation of dermatological diseases (melanomas) in color images, and was carried out within the Image Processing Group.

During her University period, she worked as a private teacher of Mathematics, Physics and Chemistry for secondary school students. In October 2002 she joined the Laboratory for Clinical and Experimental Image Processing (Laboratorium for Klinische en Experimentele Beeldverwerking, LKEB) at the Leiden University Medical Center, where she started her research on MR images of atherosclerotic arteries, under the supervision of Prof. Dr. Ir. J.H.C. Reiber. The results of her research during this period are presented in this thesis. From October 2006 she is employed as Product Manager at Medis (Medis medical imaging systems bv).

Her research interests include analysis of the vessel wall in MR images of atherosclerotic arteries, and all kinds of imaging modalities in general; knowledge-guided model-based segmentation, computer-aided diagnosis and new emerging imaging modalities, such as molecular imaging.

