

Looking for a Hall probe bench for closed big magnetic structures

In IMMW17 we presented a conceptual design for a Hall probe bench to measure big magnetic closed structures. In this talk we will present the results of the prototyping done at ALBA during 2012. At the end, measurements on prototype have not validated the initial conceptual design and we will discuss the main problems found. We will also present some design alternatives and first FEA calculations for a new design to achieve the initial objective.