In this project we investigate a high capacity, low volume micro Scanning Probe Array Memory for application in embedded systems (µSPAM). This new type of memory combines the low volume and power consumption of the FlashMemory with the high capacity of the hard disk. Visit the menu on the left for more information.

The figure below shows a schematic diagram of µSPAM, in which we can recognise the different recording subsystems medium, head, positioning and data channel.