

## Benedetto Vigna

*Executive Vice-President STMicroelectronics, Castelletto, Italy*



Benedetto Vigna will present recent activities in the R&D of MEMS accelerometers and gyroscopes. Being the director of the MEMS Business Unit, he is responsible for design, manufacturing and marketing of ST's MEMS devices. Large consumer equipment manufacturers for motion-activated user interfaces have successfully adopted these devices and included them into the Nintendo Wii game console and a wide range of smartphones and tablets. In 2007, Vigna's organization was transformed into a Product Division and his scope was subsequently enlarged to include management of Sensors, RF, High-Performance Analog and Mixed Signal, as well as Interface, Audio for Portable, and General-Purpose Analog products.

Benedetto Vigna, Group Vice President and General Manager of ST's MEMS and Healthcare, RF Transceivers and Sensors Division Benedetto Vigna obtained a degree in subnuclear physics in 1993 from the University of ? . For two years he worked at European Synchrotron Radiation Facility in Grenoble and at the Max Planck Institute in Germany on X-ray laser. Then he joined the STMicroelectronics' Research and Development Lab in Castelletto, Italy, which was involved in micromachining activities. Vigna moved on to work at the Berkeley Sensors and Actuator Center in California, but in 1996 was called back to ST where he was appointed Director of ST's MEMS Business Unit. He is now Group Vice President and General Manager of ST's MEMS and Healthcare, RF Transceivers and Sensors Division, based in Castelletto. Vigna has filed more than 130 patents on micromachining to date, authored numerous publications in this field, and delivered many invited speeches at international conferences. He also served as industrial consultant for the president of the Italian Scientific Research Center.