

Acceleration Robotics joins AESEMI to lead the Processor Architectures working group

The robotics semiconductor company joins a dozen other organizations to position Spanish talent on the international semiconductor scene. It will lead the development of new computing architectures and seeks collaborations in robotics

VITORIA-GASTEIZ, Spain – [Acceleration Robotics](#)—an international benchmark semiconductor robotics startup— has announced that **it has joined AESEMI**, the Spanish Association of the Semiconductor Industry.

Founded by robotics experts who previously worked at large semiconductor multinationals such as Xilinx or AMD, Acceleration Robotics is a robotics semiconductor firm that offers robotic architecture consulting services and produces customized robotic brains using hardware acceleration (GPUs), (FPGAs, etc.). The company also offers proprietary hardware designs (or IP cores) for robots that speed up their response time (*latency*) and improve other features, including reduced power consumption.

With offices in Vitoria-Gasteiz (Álava, Spain) and Pune (India), Acceleration Robotics currently works for several of the leading manufacturers of semiconductors and hardware acceleration solutions (GPUs and FPGAs) designing computing architectures that will make robots faster. At AESEMI, Acceleration Robotics will bring experience in the design of next-generation computing architectures, will offer use cases in robotics, and will lead the Processor Architectures Working Group adding value with some of its current projects such as the [Robotic Processing Unit](#) (*Robotic Processing Unit*), or the [Robotics MCU](#).

About acceleration robotics

[Acceleration Robotics](#) is a robotics semiconductor firm that offers services consultancy in robotics architecture and produces custom robotic brains by using hardware acceleration. The company also offers its own designs. hardware (or *IP cores*) for robots that speed up their response time and improve other features, including a reduction in power consumption. Founded by experts In robotics, Acceleration Robotics works with various manufacturers of GPUs and FPGAs to make faster robots.

About AESEMI

[AESEMI](#) is the Spanish Association of the Semiconductor Industry, an entity that represents the main Spanish companies dedicated to microelectronic design and semiconductor manufacturing. The Association was founded at the end of last year 2021 and its objective is to give visibility to all the companies that are part of the semiconductor technological ecosystem in Spain.