

NXP Hamburg empowering young girls to take part in STEM careers.

Often, it's said that women participation in the so called "STEAM", or science, technology, engineering, and math careers is extremely low. For years similar statements were done with no consequential action, luckily this is promptly changing thanks to initiatives like mint:pink, that fight for equal inclusion and leadership of females in these fields.

NXP Semiconductors Hamburg, as a partner of the mint:pink project constantly holds workshops and in-site tours for young girls to familiarize them with various aspects of our industry. Last 21st and 22nd of November we continued to enforce our compromise with a series of workshops involving the micro:bit.

The micro:bit is "a tiny programmable computer, designed to make learning and teaching easy and fun", this micro-computer makes use of sensors and interfaces developed by NXP Semiconductor and was built in collaboration with top-technology companies, educational institutions and media conglomerates like Microsoft, ARM, Samsung, the BBC and the Python Software Foundation, among many others.

During the workshops, two groups of girls from the Heilwig Gymnasium and Gymnasium Grootmoor in Hamburg, learned how to code applications for the micro:bit using the JavaScript Blocks Editor, a simple but powerful visual language that enables users to create completely functional programs in minutes.

Throughout the seminars, led by Wolfgang Günther and supported by a highly motivated group of NXP engineers, the attendants learned how to make use of the sensors, audio outputs, buttons and programmable LED's of the micro:bit in a dynamic and fun way. At the end of the workshops, they got to keep one micro:bit each to take home and continue their learning experience.

In NXP Semiconductors, we believe that empowering young minds since an early age it's key for the continuity of stark innovation in the future generations of professionals. By supporting initiatives like mint:pink we also contribute to slowly close the gender gap and generate more equal work conditions for all.