



MARIALUISA GENTILE

SENIOR SCIENTIST

@marialuigentile

KEYWORDS

manufacturing
materials

ABOUT MARIALUISA

HER JOURNEY INTO STEM

Marialuisa has always been curious and, as a child wanted, to learn about the world around her. Her STEM journey started when she saw a picture of a microscope in a chemistry book and was fascinated about the possibility of discovering the structure of materials at a very small scale.

She studied a degree and Masters degree in Chemical Engineering in Italy, and after that, completed a PhD in Materials Science at the University of Manchester.

After her studies, Marialuisa joined a company as a manufacturing engineer, where she applied science to everyday problems to optimise product fabrication. In this role, she enjoyed seeing how engineering can improve objects that are used in everyday life.

HER JOB

Working as a senior scientist, Marialuisa investigates the properties of a material: silicon carbide. She tests the material, and uses the results to solve engineering problems and design a new manufacturing process. In this role, she enjoys writing about process development. At the University of Manchester, Marialuisa is also involved in teaching activities and to support student learning.

HER HOBBIES

In her spare time, Marialuisa enjoys playing volleyball and running with her friends. She also likes travelling to learn new languages.

THE QUESTION MARIALUISA WANTS TO ANSWER IS...

I would love to discover a new composite material and manufacturing process that can improve the lives of people around the world.

MARIALUISA'S QUESTION FOR YOU...

What scientists should discover to make a world a better place?