



Sara Pellegrini

About me

I am the **Imaging Technology Scout** at STMicroelectronics. In this role, I go and find startup companies that work on new ideas that could be interesting for my company.

I started in ST 20 years ago as an engineer that measured all our pixels and then became the manager of the pixel technology development. In this role, I was in charge of making sure the pixels in our cameras were as good as we wanted them to be.

I graduated in Electronic Engineering from Politecnico di Milano in 1999 and then received my PhD in Physics from Heriot-Watt University in 2006.

My inspiration

When I was 16 years old, I saw for the first time the circuit board with all the transistors at the back of an amplifier. I found it fascinating and **I thought it would be great to be able to build such a complex circuit.**



My strengths

I love solving problems and addressing challenges.

When I see something that doesn't look quite right, I always find a way to try and resolve it. I have a good ability to vision what things should be like and then I operate myself to ensure we get there.

Fascinating tech

I am always amazed when I see the Apple FaceID working and being copied by other mobile phone manufacturers.

I was part of the team that developed the first prototype, and it was such a great achievement! It was a big challenge, but working together with a very strong team we managed to overcome all the technological challenges that we found on the way and produced something truly innovative.

What excites me about the future

Innovation is continuous and when you're working in this industry there is always something new coming up. **It's great being part of the innovation** that will be in our houses in 10 years' time, and being able to see what's coming.

We are depending on sensors more and more, and being part of this evolution is super exciting.

My aspirations

I started as a technology scout in July 2025, and **I am really looking forward to see what will become of me in this role.** There is a large scope for evolving and a lot of networking to be done outside my office.

The long term plan? I don't have one yet, as I'm quite focused on the now.



If you think electronics or technology is fascinating, go for it! Many people say electronics is a difficult thing to study, but so are many other topics. If you are passionate about electronics and you can visualise yourself working on technology, then you will have enough drive to overcome all the obstacles that are in your way.