



We would be happy to get to know something about your academic career and it would be nice if you could describe your academic work in a few words.

I studied at Politecnico di Milano (Italy), where I first got a Degree in Electronic Engineering in 2003 and then a Ph.D. in Physics in 2007 with the dissertation "Field enhancement and confinement at optical wavelengths: nonlinear near-field microscopy and resonant metal nanoparticles". During the Ph.D. I also spent 6 months in Basel (Switzerland) by the group of Prof. Dieter Pohl and Prof. Bert Hecht, working on resonant optical antennas.

In 2008, after a one-year Post Doc in Milano, I was awarded a Humboldt Fellowship for Postdoctoral Researchers, which I spent working in the group of Prof. Bert Hecht in Würzburg, focusing my activity on nanoantennas for visible radiation.

Since 2010 I am Assistant Professor at the Physics Department, Politecnico di Milano. My research interests are in nano-optics and plasmonics. At present my main activities are focused on:

- Linear and nonlinear properties of gold nanoantennas
- Infrared plasmonics and sensing with silicon-germanium materials
- Germanium nanostructures for enhanced light emission at telecom wavelengths

How do you see yourself in your role as a citizen of the EU?

Being a citizen of EU is to me the first step towards feeling and actively being a citizen of the world. Academy and science can and must play a fundamental role in this and they have the potential to act as a powerful driving force to overcome cultural, religious and especially economic barriers that nowadays are keeping different nations apart.

What is your personal opinion regarding the most important challenges and reasons regarding a participation in the European Union as a nation?

In a moment when EU is demonstrating the weakness of the economic ties that among the others should keep their members together, each nation should exploit EU as a means to enforce other levels of relationships, based on the sharing of cultural, artistic, and scientific assets.

What do you think about the importance of Alumni in terms of the cultural, academic and economical exchange?

I think people working or coming from Academy have a privileged position to look at Europe as a whole and can therefore play a fundamental role in educating the new generations to a new perspective, where cultural differences are valued and where economical exchange does not come at the expenses of local economies.