

## DANUBIAN Delegation

Alexandra Raluca **Stefanescu**

National Institute for R&D in Microtechnologies - IMT Bucharest

126A Erou Iancu Nicolae  
077190 Bucharest  
Romania

+40 21 269 07 75  
alexandra.stefanescu@imt.ro



Alexandra Stefanescu graduated from Politehnica University of Bucharest, Faculty of Electrical Engineering, in 2006 and obtained her PhD in 2010. She participated as a team member in several national and European projects (FP6, FP7, ENIAC, ESA). She worked in the frame of the FP7 MIMOMEMS project where she was involved in RF-MEMS technologies. Between 2010 and 2012 she conducted post-doctoral research funded by the EU (structural funds, POSDRU/89/1.5/S/63700) where her main work was focused on the numerical analysis and experimental development of surface acoustic wave (SAW) and bulk acoustic wave resonators (FBAR) on WBG semiconductors (GAN).

Since 2015 she coordinates a national project for young research teams, dedicated to applications of substrate integrated waveguide structures. Her current research activities focus on acoustic devices on WBG materials working as sensors as well as on electromagnetic simulation of RF MEMS switches for K to W band.