Reports to	Department	Location
	Applied Electromagnetics BU – Radar Systems Team	Pisa – San Piero a Grado
Position Mission		
The Applied Electromagnetics Busines Radar Systems team. The team is act Test, Radar Signal and Image Process	ive in the following fields: Radar Syst	ems Analysis, Simulation, Design and
Activities		
 environment; Analysis of radar data collected possible improvements in the p Writing of technical document 	te with the MerMec Engineering staff in age processing algorithms and develo d during the measurement campaigns processing algorithms to optimize syste ts including: Requirements and Archi cuments, Radar algorithms design doo	pment of prototypal code in a MatLa on different radar systems, identifyin m performance; tecture specification documents, Tes
Definition and execution of reperformance and the compliant	adar systems tests and measureme ce with the requirements, identifying th	
Technical Skills, Qualifications		
Good proficiency in both spoke	munications Engineering, Electronics I n and written English language;	
Basic knowledge of systems e	ems performance analysis and of signa engineering techniques (mathematical ation of system requirements and arch	modeling, analysis and simulation of
 Basic knowledge of the Matlal fixed point toolbox); The following are considered values. 	b development and prototyping enviro	nment (signal processing toolbox an
 Master's Degree or door Physics; 	ctoral student in Telecommunications E	
 Knowledge of laborator Knowledge of C/C++, 0 	ition and in the execution of tests on ra ry equipment (Oscilloscope, Spectrum C#, Python, Java, Fortran and experier , LabView or similar tools;	Analyzer, VNA etc.);
 Experience in RAMS a Experience with system 	nalyses and with Relex, Isograph Relians in the railway sector; reign languages besides English, both	•
 The following personal skills are require Good analytical skills and proble Ability to communicate effective Ability to work in a team; 		e drafting of technical documentation;

Required Soft Skills (select the skills the candidate must have from the list below)



 \boxtimes Results Orientation

 \boxtimes Initiative

 \boxtimes Innovation

⊠ Partnering

□ Planning and organization

 \Box Leadership and development of others

⊠ Efficient communication