Milano	Genova	Modena	Ferrara	Bologna
A) Denoising problem formulation for digital radiographical images	D) Mathematical formulation of denoising and deblurring problems for 3D images arising in Microscopy and 2D images arising in Astronomy	F) Analysis of the models for the proposed problems; state-of-the-art methodologies for the resolution; choice of the most appropriate class of techniques on the basis of the problems' features		
B) Problem formulation for the volumetric reconstruction from projection images				
C) Design of test problems for A) and B)	E) Design of test problems for D)	G) Design and analysis of first-order optimization methods and comparison with state-of-the-art methods of the same class		I) Analysis of the regularization functionals
J) Design of algorithms and software for multiprocessor systems (particularly GPUs)			H) Analysis and design of second-order optimization methods and comparison with other state-of-the-art methods of the same class	
			K) Comparison of first- and second-order optimization methods	
L) Software assessment				

Table 2