

Research Lines			Materials Chemistry	New Materials	Robotics	Brain Science	Graphene	Energy	Robotic Rehab	Computati on	Nano-Bio Photonics	Health Technolo gies	Interactio ns
Research Lines	ADVanced Robotics	D. Caldwell			X				X			X	
	Humanoids & Human Centered Mechatronics	N. Tsagarakis			X			X	X				
	Soft Robotics for Human Cooperation and Rehabilitation	A. Bicchi			X				X				X
	Human-Robot Interfaces and Physical Interaction	A. Ajoudani			X				X				X
	Dynamic Legged Systems	C. Semini			X								
	D3 PharmaChemistry	T. Bandiera		X			X					X	
	Nanomaterials for Biomedical Applications	T. Pellegrino	X	X								X	
	Nanotechnology for Precision Medicine	P. Decuzzi	X			X						X	
	D3 Compunet	A. Cavalli								X		X	
	Computational Modelling of Nanoscale and BioPhysical Systems	W. Rocchia								X			
	Molecular Modeling and Drug Discovery	M. De Vivo	X							X		X	
	Quantum Materials Theory	S. Artyukhin	X	X						X			
	D3 Validation	A. Reggiani				X							X
	Molecular Medicine	B. Grimaldi				X							X
	Non-coding RNAs and RNA-based therapeutics	S. Gustincich				X							X
	Neurobiology of miRNA	D. De Pietri Tonelli				X							X
	Optical Approaches to Brain Function	T. Fellin				X						X	

Research Group			Materials Chemistry	New Materials	Robotics	Brain Science	Graphene	Energy	Robotic Rehab	Computati on	Nano-Bio Photonics	Health Technolo gies	Interactio ns
Research Group	Genetics and Epigenetics of Behavior	V. Tucci				X						X	
	Microtechnology for Neuroelectronics	L. Berdondini		X		X					X		
	Genetics of Cognition	F. Papaleo				X							
	Neuromodulation of Cortical and Subcortical Circuits	R. Tonini				X							
	Local Micro-environment and Brain Development	L. Cancedda				X						X	
	Synaptic Plasticity of Inhibitory Networks	A. Barberis				X					X		
	Neuroscience and Brain Technologies	S. Gustincich				X					X	X	
	NanoChemistry	L. Manna	X	X				X					
	Optoelectronics	R. Krahné	X				X	X					
	Nanoscopy & NIC@IIT	A. Diaspro				X	X				X		
	Smart Materials	A. Athanassiou	X	X			X						
	Theory and Technology of 2D Materials	M. Polini					X			X			
	Polymers and Biomaterials	N. Tirelli	X	X									
	Molecular Microscopy and Spectroscopy	G. Vicidomini	X			X						X	
	Graphene Labs	V. Pellegrini		X			X	X					
	Plasmon Nanotechnologies	F. De Angelis				X				X	X		
Pattern Analysis and Computer Vision	V. Murino				X						X	X	

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	Visual Geometry and Modelling	A. Del Bue			X						X		X
	Computational Statistics and Machine Learning	M. Pontil			X	X							X
	ICub	G. Metta			X	X		X					
	Humanoid Sensing and Perception	L. Natale			X								X
	Dynamic Interaction Control	G. Metta			X								X
	Rehab Technologies - INAIL-IIT lab	L. De Michieli			X				X			X	
	Robotics Brain and Cognitive Sciences	G. Sandini			X				X				X
	Unit for Visually Impaired People	M. Gori											X
	Cognition, Motion and Neuroscience	C. Becchio			X	X							X
	Nanobiointeractions & Nanodiagnostics	P.P. Pompa		X								X	
	Social cognition in human-robot interaction	A. Wykowska			X	X							X
	Event-Driven Perception for Robotics	C. Bartolozzi			X	X							X
	Synthetic and System Biology for Biomedicine	V. Siciliano									X		X
	Visual and Multimodal Applied Learning	B. Caputo			X					X	X		
	CBN@UNILE	M. De Vittorio	X				X		X		X		
	Multifunctional Neural Interfaces with deep-brain regions	F. Pisanello					X					X	
Computational Nanoplasmonics	C. Ciraci									X			

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	CNI@NEST	M. Gemmi	X							X	X	X		
	2D Materials Engineering	C. Coletti		X			X							
	CABHC@CRIB	P.A. Netti		X								X		
	Tissue Electronics	F. Santoro		X							X	X		
	CMBR@SSSA	B. Mazzolai		X	X			X						
	Artificial Touch in Soft Biorobotics	L. Beccai		X	X			X						
	Smart Bio-Interfaces	G. Ciofani		X								X		
	CSFT@PoliTo	G. Saracco		X			X	X						
	Advanced Materials	F. Pirri		X			X	X						
	CNST@PoliMi	G. Lanzani		X				X						
	Printed and Molecular Electronics	M. Caironi		X				X						
	Advanced Materials for Optoelectronics	A. Petrozza		X				X						
	CGS@SEMM	F. Nicassio									X		X	
	CNCS@UniTn	S. Panzeri				X							X	X
	Neural Computation	S. Panzeri			X	X								
	Functional Neuroimaging	A. Gozzi					X				X		X	
MRI - Magnetic Resonance Imaging	A. Bifone					X					X	X		

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	CLNS@Sapienza	G. Ruocco	X								X	X	
	NSYN@UniGe	F. Benfenati				X	X						
	CTNSC@UniFe	L. Fadiga				X			X				X
	IIT@MIT				X								X
	IIT@Harvard	J. Assad				X							
Scientific Facilities	Electronic Design Lab	M.Crepaldi			X	X			X				X
	Electron Microscopy	R. Brescia	X	X		X	X				X		
	Materials Characterization	M. Prato	X	X			X	X					