

BANDO PRIN 2022 - MUR d.d. 104 del 02/02/22					
		PROJECT TITLE	PRINCIPAL INVESTIGATOR	CNR UNIT	LEADING SPIN RESEARCHERS
Approved projects with a SPIN researcher as PI		Transition metal dichalcogenide thin films for hydrogen generation - TMD4H	Carmela Aruta CNR-SPIN	SPIN, IOM	Carmela Aruta
		Sustainable spin generators based on Van der Waals dichalcogenides (SUBLI)	Ilaria Pallecchi (CNR-SPIN)	SPIN, IMM	Ilaria Pallecchi
		Two-dimensional chiral hybrid organic-inorganic perovskites for chiroptoelectronics - MIRROR	Alessandro Stroppa (CNR-SPIN)	SPIN	Alessandro Stroppa
		From the Nano to the Macro SCale: a deep investigation of Grain Boundaries in High-Tc Superconducting Wires - NaMaScale	Valeria Braccini (CNR-SPIN)	SPIN, IMM	Valeria Braccini
		OMEGA	Fabio Miletto Granozio (CNR-SPIN)	SPIN, ISASI	Fabio Miletto Granozio
		Spin-ORBit Effects in Two-dimensional magnets (SORBET)	Silvia Picozzi (CNR-SPIN)	SPIN	Silvia Picozzi
Approved projects with a SPIN researcher leading the CNR Unit		Tribo-Electricity: a New Route for Tribology (TRIEL)	Prof. Roberto Guerra Università di Milano La Statale	SPIN	Andrea Gerbi
		"Advanced Control and Readout of Scalable Superconducting NISQ architectures" (SuperNISQ)	Dr. Davide Massarotti, Università degli Studi di Napoli Federico II	SPIN	Martina Esposito
		DARk-mattEr-DEVIces-for-Low-energy-detection: the DAREDEVIL	Prof.ssa Natalia Di Marco GSSI (Gran Sasso Science Institute)	SPIN	Cesare Tresca
		Photophysics and optoelectronics with TMD/2D Perovskite heterostructures for efficient near-infrared detection	Prof. Felice Gesuele, Università degli Studi di Napoli Federico II	SPIN	Fabio Chiarella
		Spin transport in multifunctional oxide nanodevices STIMO	Prof. Daniela Stornaiuolo, Università degli Studi di Napoli Federico II	SPIN	Filomena Forte
		engineering TOpological quantum phases in hexagonal TErnary coMpounds (TOTEM)	FEDERICO BISTI Ricercatore a t.d. - t.pieno (art. 24 c.3-b L. 240/10) presso Università degli Studi dell'AQUILA	SPIN	Paola Gentile
Other approved projects		Materials modelling for energy storage applications	Prof. Dario Alfè - Università degli Studi di Napoli "Federico II"	ISC, SPIN	Giovanni Cantele
		A lab-on-a-chip integrated with electrochemical transistors for cardiac biomarkers evaluation in human blood LIFE BLOOD	Dr. Valentina Preziosi, Università degli Studi di Napoli Federico II	IEOS, SPIN	Mario Barra
		EaRth Abundant and non-toxiC doped metaL oxide-based electro-optic photonic structures for smarT windows and radiative cOoling (ERACLITO)	Prof. Francesco Scotognella, Politecnico di Milano	SPIN, NANO	Francesco Bisio
		Rare-earth single atom MAGnets aNchorEd aT oxIde Surfaces as a platform for new low-consumption magnetic dEVICES (MAGNETISE)	Dr. Alessandro Barla (CNR-ISM)	ISM NANO SPIN	Emilio Bellingeri
		Non-reciprocal supercurrent and topological transitions in hybrid Nb-InSb nanoflags	Prof. Maura Sassetti, Università degli Studi di GENOVA	NANO, SPIN	Matteo Carrega