

Area Ricerca e Terza Missione

Marie Skłodowska-Curie actions (MSCA) Postdoctoral Fellowships (PF) CALL 2024

POTENTIAL SUPERVISORS

Physical Sciences and Engineering (PE)

SUPERVISOR	DEPARTMENT	ERC KEYWORDS	FREE KEYWORDS
Raffaele ARGIENTO	Economics [Scienze economiche]	 PE1_14 Mathematical statistics PE1_15 Generic statistical methodology and modelling 	 Bayesian Statistics Bayesian Nonparametric Statistical Modelling Computational Statistics Mixture Models Model-Based Clustering
Antonio FERRAMOSCA	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 PE1_20 Control theory, optimisation and operational research PE7_1 Control engineering 	 Model Predictive Control
Francesca MAGGIONI	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 PE1_20 Control theory, optimisation and operational research PE1_22 Application of mathematics in industry and society 	 Optimization under uncertainty Stochastic Programming Robust Optimization Distributionally Robust Optimization Contextual Stochastic Programming
Valerio RE	Engineering and Applied Sciences [Ingegneria e Scienze Applicate]	 PE2_3 Experimental particle physics with accelerators PE7_5 (Micro- and nano-) electronic, optoelectronic and photonic components 	 Microelectronics Analog signal processing Noise in electronic systems Particle detectors Silicon sensors for X-ray imaging Integrated circuits for the readout of silicon pixel sensors Design of analog integrated circuits
Maurizio SANTINI	Engineering and Applied Sciences [Ingegneria e Scienze Applicate]	 PE11_11 Porous materials engineering, e.g. covalent- organic, metal-organic, porous aromatic frameworks 	 X-ray microCT Virtual histology Biological porous media



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Patrizia SCANDURRA	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 PE6_2 Distributed systems, parallel computing, sensor networks, cyber-physical systems PE6_3 Software engineering, programming languages and systems PE6_4 Theoretical computer science, formal methods, automata PE6_12 Scientific computing, simulation and modelling tools 	 Software engineering Software architecture Formal methods Abstract State Machines Cyber-physical systems Self-adaptive software systems Service-based applications IoT-Edge-Cloud applications
Christian SPREAFICO	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 PE8_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling, regeneration or recovery of compounds, carbon capture & storage 	 Prospective LCA Patent analysis Eco-design Eco-innovation Social sustainability Social FMEA

Life Sciences (LS)

SUPERVISOR	DEPARTMENT	ERC KEYWORDS	FREE KEYWORDS
SUPERVISOR Raffaele ARGIENTO Massimiliano BARATTUCCI	DEPARTMENT Economics [Scienze economiche] Human and Social Sciences [Scienze umane e sociali]	 ERC KEYWORDS LS2_12 Biostatistics LS4_8 Impact of stress (including environmental stress) on physiology LS7_11 Environmental health, occupational medicine 	FREE KEYWORDS• Bayesian Statistics• Bayesian Nonparametric• Statistical Modelling• Computational Statistics• Mixture Models• Model-Based Clustering• Leadership• Recruitment• Selection• Risk perception• Work-related stress• Work climate• Organizational identification• Organizational support• Assessment• Selection biases• Fairness• Job demands• Positive psychology• Consumer behaviour• Financial behaviour• Organizational behaviour
			 Management Mindfulness at work
Agostino BRUGNERA	Human and Social Sciences [Scienze umane e sociali]	 LS5_12 Mental disorders 	 Heart Rate Variability Mental Health Health Psychology Chronic Diseases Attachment Problematic Internet Use



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Lisa Chiara FELLIN	Human and Social Sciences [Scienze umane e sociali]	 LS5_12 Mental disorders 	 Critical psychopathology Mental health Social Constructionism qualitative research Embodiment Intimate partner violence Domestic violence & coercive control Systemic Couple and family therapy Psychotherapy
Maurizio SANTINI	Engineering and Applied Sciences [Ingegneria e Scienze Applicate]	 LS3_16 Functional imaging of cells and tissues LS5_17 Imaging in neuroscience LS7_1 Medical imaging for prevention, diagnosis and monitoring of diseases LS7_2 Medical technologies and tools (including genetic tools and biomarkers) for prevention, diagnosis, monitoring and treatment of diseases LS7_14 Digital medicine, e- medicine, medical applications of artificial intelligence 	 X-ray microCT Virtual histology Biological porous media

Social Sciences and Humanities (SH)

SUPERVISOR	DEPARTMENT	ERC KEYWORDS	FREE KEYWORDS
Patrizia ANESA	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH3_9 Social aspects of teaching and learning, curriculum studies, education and educational policies SH4_8 Language learning and processing (first and second languages) SH4_9 Theoretical linguistics; computational linguistics SH4_11 Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis SH5_12 Computational modelling and digitisation in the cultural sphere 	 Extended reality in education English for Specific Purposes (ESP) Legal English Automatic Translation Languages for Specific Purposes (LSP)



Massimiliano BARATTUCCI	Human and Social Sciences [Scienze umane e sociali]	 SH1_7 Behavioural economics; experimental economics; neuro-economics SH1_10 Management; strategy; organisational behaviour SH1_11 Human resource management; operations management, marketing SH3_6 Social influence; power and group behaviour 	 Leadership Recruitment Selection Risk perception Work-related stress Work climate Organizational identification Organizational support Assessment Selection biases Fairness Job demands Positive psychology Coaching psychology Consumer behaviour Financial behaviour Organizational behaviour Management Mindfulness at work
	Foreign		
Marina BIANCHI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_1 Classics, ancient literature SH8_3 Cultural studies and theory, cultural identities and memories, cultural heritage 	 Contemporary Spanish poetry Transtextuality Intertextuality Transmediality
Elena BOUGLEUX	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH3_12 Social studies of science and technology SH7_5 Sustainability sciences, environment and resources, ecosystem services SH7_6 Environmental and climate change, societal impact and policy 	 Water Rivers Small islands Riverine communities Natural parks Ecology and ecosystems Complex systems
Agostino BRUGNERA	Human and Social Sciences [Scienze umane e sociali]	 SH4_3 Clinical and health psychology 	 Heart Rate Variability Mental Health Health Psychology Chronic Diseases Attachment Problematic Internet Use
Federica BURINI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH7_1 Human, economic and social geography SH7_2 Migration SH7_5 Sustainability sciences, environment and resources, ecosystem services SH7_6 Environmental and climate change, societal impact and policy SH7_7 Cities; urban, regional and rural studies SH7_10 GIS, spatial analysis; digital geography 	 Sustainable tourism Material and immaterial heritage Participatory mapping and processes Digital cartography Accessibility and inclusion Mountain sustainable planning



Benedetta CALANDRA	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere	 SH2_2 Democratisation and social movements SH2_6 International relations, global and transnational governance SH6_9 Early modern, modern, and contemporary history SH6_13 Gender history, cultural history, history of collective identities and memories, history of religions SH6_14 History of ideas, intellectual history, history of economic thought SH8_1 Kinship; diversity and identities, gender, interethnic relations 	 Latin American studies Gender and women's history Human rights Citizenship Political exile Cultural diplomacy Transitions to democracy Solidarity networks Social movements and reproductive rights
Raul CALZONI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_2 Theory and history of literature, comparative literature SH5_4 Philology; text and image studies SH6_10 Colonial and post-colonial history SH6_11 Global, transnational, and comparative history SH6_13 Gender history, cultural history, history of collective identities and memories, history of religions SH8_3 Cultural studies and theory, cultural heritage 	 German literature German culture Memory studies Identity Visual culture Translation Intercultural studies Cultural memory Collective memory Testimony Witness History Post-colonial Comparative literature Gender studies
Maria Grazia CAMMAROTA	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_4 Philology; text and image studies 	 Ecdotics Medieval Germanic literatures Old High German Middle High German
Giovanna CAMPOPIANO	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 SH1_9 Industrial organisation; entrepreneurship; R&D and innovation SH1_10 Management; strategy; organisational behaviour 	 Family business Management engineering



Elena CEFIS	Economics [Scienze economiche]	 SH1_9 Industrial organisation; entrepreneurship; R&D and innovation SH1_10 Management; strategy; organisational behaviour 	 Digital transformation Artificial Intelligence Automation Innovation R&D Innovation Policy
Martina CENSI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_2 Theory and history of literature, comparative literature 	 Contemporary Arabic Literature Contemporary Arabic Novel Arab activism Migration on Arabic Literature Gender and Arabic Literature
Larissa D'ANGELO	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH3_10 Communication and information, networks, media SH4_5 Attention, perception, action, consciousness SH4_6 Learning, memory; cognition in ageing SH4_8 Language learning and processing (first and second languages) SH4_9 Theoretical linguistics; computational linguistics 	 Eye-tracking research English for Academic Purposes Teaching English as a Second Language
Lisa Chiara FELLIN	Human and Social Sciences [Scienze umane e sociali]	 SH3_2 Inequalities, discrimination, prejudice SH3_3 Aggression and violence, antisocial behaviour, crime SH4_2 Personality and social cognition; emotion SH4_3 Clinical and health psychology 	 Critical psychopathology Mental health Social Constructionism Qualitative research Embodiment Intimate partner violence Domestic violence & coercive control Systemic Couple and family therapy Psychotherapy
Alessandra GHISALBERTI	Foreign Lan- guages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH7_1 Human, economic and social geography SH7_2 Migration SH7_7 Cities; urban, regional and rural studies 	 Migrations Urban regeneration Co-projecting Territorial innovation Mapping



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Francesca LOCATELLI	Law [Giurisprudenza]	 SH2_3 Conflict resolution, war, peace building SH2_4 Legal studies, comparative law, law and economics 	 Negotiation Alternative dispute resolution Mediation Arbitration Family negotiation Family mediation Family arbitration
Luca LOMBARDO	Letters, Philosophy, Communication [Lettere, Filosofia, Comunicazione]	 SH5_2 Theory and history of literature, comparative literature SH5_4 Philology; text and image studies SH8_3 Cultural studies and theory, cultural identities and memories, cultural heritage 	 Dante Studies Early Italian Literature Romance Literature Vernacular Prose Italian Medieval School Petrarch and Boccaccio Studies Manuscript studies Textual Scholarship
Stefania MACI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH4_11 Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis 	 Critical Discourse Analysis Corpus Linguistics Genre Analysis Tourism discourse Medical Discourse Specialised Discourse
Francesco MAGNI	Human and Social Sciences [Scienze umane e sociali]	 SH3_9 Social aspects of teaching and learning, curriculum studies, education and educational policies 	 Education Teacher Education Higher Education Education policies Work-based learning Vocational Education and Training Primary and Secondary Schools
Elena MAZZOLENI	Letters, Philosophy, Communication [Lettere, Filosofia, Comunicazione]	 SH8_3 Cultural studies and theory, cultural identities and memories, cultural heritage SH8_8 Visual and performing arts, screen, arts-based research 	 Theatre Migration Spectacular interplay XVIII-XIX Centuries Circus Dance
Filippo MENGA	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH7_1 Human, economic and social geography SH7_5 Sustainability sciences, environment and resources SH7_6 Environmental and climate change, societal impact and policy 	 Water Governance Sustainability Politics
Michele MEOLI	Management, Information and Production Engineering [Ingegneria gestionale, dell'informazione e della produzione]	 SH1_5 Corporate finance; international finance SH1_9 Industrial organisation; entrepreneurship; R&D and innovation SH1_14 Health economics; economics of education 	 Corporate Finance Corporate Governance Entrepreneurial Finance Academic Entrepreneurship Higher Education Research Policy



Matteo	Management	 SH1_5 Corporate finance; 	 Sustainability accounting
MOLINARI	[Scienze	international finance	 Sustainability reporting
	aziendali]	 SH7_5 Sustainability sciences, 	• SDGs
		environment and resources,	 Management Accounting
		ecosystem services	
Nicola	Letters, Philosophy,	SH5_2 Theory and history of	Romance Philology
MORATO	Communication	literature, comparative	 Romance Linguistics
		literature	 Textual Scholarship
	[Lettere,	SH5_4 Philology; text and	 medieval narratives
	Filosofia, Comunicazione]	image studies	 Early modern epic poetry
	comanicazionoj	 SH8_3 Cultural studies and 	 Textual history
		theory, cultural identities and	 Manuscript studies
		memories, cultural heritage	 Narratology
			• Text and Image
Stefano	Foreign Languages,	 SH6_1 Historiography, theory 	Environmental history from
MOROSINI	Literatures and	and methods in history,	Italian, European, and
	Cultures	including the analysis of digital	worldwide perspectives
	[Lingue,	data	 Economic, social, political, patianal, and any/ranmontal
	letterature e	 SH6_3 General archaeology, archaeometry, landscape 	national, and environmental characteristics of mountains,
	culture strani-	archaeometry, landscape	
	ere]	archaeology ■ SH6_9 Modern and	particularly in the alpine areaHistory of tourism with a
		contemporary history	focus on sustainability
		 SH7_5 Sustainability sciences, 	 History of explorations in
		environment and resources	remote areas, the Arctic, and
		 SH7_6 Environmental and 	Antarctica
		climate change, societal	 History of mountaineering in
		impact and policy	the Alps and worldwide
		impact and policy	 History of protected areas
			 History of technical and
			industrial development and
			the use of territory between
			the nineteenth and twentieth
			centuries
			 Protection and enhancement
			of heritage through the use
			of Information and
			Communication Technology
Francesca	Letters,	SH5_2 Theory and history of	 Early Modern French
PAGANI	Philosophy,	literature, comparative	Literature
	Communication	literature	Landscape and Modern
	[Lettere,		French Literature
	Filosofia,		Women Studies in Modern
	Comunicazione]		French Literature
			Imaginary in Modern
			Literature



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Cristian PALLONE	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_1 Classics, ancient literature SH5_2 Theory and history of literature, comparative literature SH5_4 Philology; text and image studies SH6_13 Gender history, cul- tural history, history of collec- tive identities and memories, history of religions SH6_14 History of ideas, intellectual history, history of economic thought SH8_3 Cultural studies and theory, cultural identities and memories, cultural heritage 	 Early modern literature of Japan History of the Japanese Literature (Seventeenth, Eighteenth and Nineteenth Centuries) Japanese palaeography and textual scholarship (Seventeenth, Eighteenth and Nineteenth Centuries) Cultural history of Tokugawa Japan Literary representation of women and sexual minorities in Japan (Seventeenth, Eighteenth and Nineteenth Centuries) Intellectual history of Japan (Seventeenth, Eighteenth and Nineteenth, Centuries)
			and Nineteenth Centuries)
Thomas PERSICO	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_2 Theory and history of literature, comparative literature SH5_4 Philology; text and image studies 	 Metrics Poetry and music Middle Ages Dante Alighieri Italian Literature Philology
Monica PIVETTI	Human and Social Sciences [Scienze umane e sociali]	 SH3_2 Inequalities, discrimination, prejudice SH3_5 Social attitudes and beliefs SH3_7 Kinship; diversity and identities, gender, interethnic relations SH3_12 Social studies of science and technology SH4_3 Clinical and health psychology 	 Prejudice Attitudes Social representations Health beliefs Health psychology Educational robotics Ethnic prejudice Prejudice towards Romani people Perceptions of robotics School engagement Vaccine hesitancy Attitudes towards vaccines
Giuseppe PREVITALI	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH5_8 Metaphysics, philosophical anthropology; aesthetics SH8_8 Visual and performing arts, screen, arts-based research 	 Visual studies Film studies Terrorism Warfare Uprisings Aesthetics
Andrea SCALABRINI	Human and Social Sciences [Scienze umane e sociali]	 SH4_2 Personality and social cognition; emotion SH4_3 Clinical and health psychology 	 Self Relatedness FMRI Neuroscience Psychopathology Dissociation Personality disorders Trauma Dynamic psychology Psychoanalysis



Rita VIANELLO	Foreign Languages, Literatures and Cultures [Lingue, letterature e culture straniere]	 SH3_1 Social structure, social mobility, social innovation SH3_5 Social attitudes and beliefs SH7_6 Environmental and climate change, societal impact and policy SH8_3 Cultural studies and theory, cultural identities and memories, cultural heritage 	 Local Ecological Knowledge Small-scale fishing and farming Artisanal fishermen Blue humanities Island cultures Global rising sea level Integrated sustainability Venetian lagoon Cultural heritage
Silvio VISMARA	Management [Scienze aziendali]	 SH1_5 Corporate finance; international finance SH1_9 Industrial organisation; entrepreneurship; R&D and innovation SH1_10 Management; strategy; organisational behaviour 	 Entrepreneurial finance Digital finance Corporate finance Entrepreneurship Crowdfunding Blockchain Fintech Sustainable finance ESG investing
Emilio ZANETTI CHINI	Economics [Scienze economiche	 SH1_1 Macroeconomics; monetary economics; economic growth, labour economics SH1_3 Development economics political economics SH1_4 Finance; financial markets 	 Time Series Econometrics Forecasting Empirical Macroeconomics Empirical Finance