Call for applications for the award of No. 1 post-doc research contract pursuant to Article 22-bis of Law No. 240/2010, Scientific Disciplinary Group 09/IINF-05 - Information Processing Systems, Scientific Disciplinary Sector IINF-05/A – Information Processing Systems, at the Research Unit of Artificial Intelligence and Information Processing Systems and the Departmental Faculty of Engineering of Università Campus Bio-Medico of Rome.

Competition code: IPD/04_26

Departmental Faculty/Research Unit of affiliation	Engineering/Artificial Intelligence and Information Processing Systems Research Unit
Place where the activities will be carried out	Università Campus Bio-Medico di Roma
Contract duration (at least one year)	18 months
Scientific Disciplinary Group	09/IINF-05 - Information Processing Systems
Scientific Disciplinary Sector	IINF-05/A – Information Processing Systems
Subject of the contract (title of the research program)	Development and validation of resilient and generative artificial intelligence methods for missing-data management and multimodal clinical data augmentation in NSCLC
Brief description of the research program to which the position is linked	The research programme focuses on analysing the completeness of multimodal clinical datasets and developing generative and transformer-based models for handling missing modalities, generating synthetic data and balancing clinical datasets. The proposed solutions will be validated in terms of quality, clinical consistency, robustness and generalisability, while also assessing their impact on the performance of multimodal clinical decision-support models developed within the MEDIFUSE-AI project.
Teaching and third mission activities in which the postdoctoral fellow is required to collaborate	Dissemination of research results, knowledge valorisation
Any additional qualifications subject to evaluation	Previous teaching and tutoring experience

Research Supervisor	Prof. Paolo Soda
Maximum number of publications	6
Language knowledge and skills	English, B2 level
Date and time of the interview	**26th October 2026, at 4:00 p.m.** Remote candidates on Microsoft Teams platform

Digitally signed document