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/05_26

Departmental Faculty/Research Unit of affiliation	Engineering/ Research Unit of Artificial Intelligence and Computer Systems
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 multimodal artificial intelligence models for prediction and clinical decision support in NSCLC
Brief description of the research program to which the position is linked	The research programme focuses on the preparation and harmonisation of multimodal clinical datasets and the design of deep learning architectures to integrate radiological images, structured clinical data, textual reports and biomarkers. Models based on intermediate fusion strategies and transformer-based architectures will be developed, trained, optimised and compared with baseline and state-of-the-art methods, evaluating their accuracy, robustness, generalisability and clinical interpretability.
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	**18th December 2026, at 8:30 a.m.** Remote candidates on Microsoft Teams platform

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