

**Selective public procedures aimed at the recruitment of eleven first-level technologists on fixed-term contracts, for a duration of 24 months, at the University of Rome "Tor Vergata", as part of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and research, Component 2 From research to business, Investment 1.5 - "Proposals for intervention for the creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders" - Innovation ecosystems" - Roma Technopole, funded by the European Union – NextGenerationEU.**

#### **ACTING GENERAL MANAGER**

**GIVEN** the law of 7 August 1990, n. 241 and subsequent amendments and additions, laying down rules on administrative procedure and the right of access to administrative documents;

**GIVEN** the law of 5 February 1992, n. 104 *“Framework law for the assistance, social integration and rights of the disabled”*;

**CONSIDERING** the D.P.C.M. 7 February 1994, no. 174 *“Regulation containing rules on the access of citizens of the Member States of the European Union to jobs in public administrations”* and subsequent amendments and additions;

**GIVEN** the Presidential Decree 9 May 1994, n. 487 *“Regulation laying down rules on access to employment in public administrations and the methods of conducting competitions, single competitions and other forms of recruitment in public employment”* and subsequent amendments and additions;

**GIVEN** the law of 15 May 1997, n. 127, containing *“Urgent measures for the performance of administrative activity and decision-making and control procedures”* and subsequent amendments;

**GIVEN** the Legislative Decree of 25 July 1998, n. 286, containing the *“Consolidated text of provisions concerning the discipline of immigration and rules on the condition of foreigners”* and subsequent amendments and additions;

**CONSIDERING** the Decree of the President of the Republic 31 August 1999, n. 394, concerning the *“Regulation containing implementation rules of the consolidated text of the provisions concerning the discipline of immigration and rules on the condition of the foreigner, pursuant to art. 1, paragraph 6, of Legislative Decree 25 July 1998, n. 286”*;

**GIVEN** the law of 12 March 1999, n. 68, *“Regulations for the right to work of the disabled”* and the relative implementing regulation issued with Presidential Decree 10 October 2000, no. 333;

**GIVEN** the Presidential Decree 28 December 2000, n. 445 *“Consolidated text of legislative and regulatory provisions on administrative documentation”* and subsequent amendments;

**GIVEN** the legislative decree of 30 March 2001, n. 165 *“General rules on the organization of work employed by public administrations”* and subsequent amendments and additions;

**GIVEN** the legislative decree of 30 June 2003, n. 196 *“Code regarding the protection of personal data”* and subsequent amendments and additions. and the legislative decree 10 August 2018, n. 101 *“Provisions for the adaptation of national legislation to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016, relating to the protection of individuals with regard to the processing of personal data, as well as the free movement of such data and repealing Directive 95/46 / EC (General Data Protection Regulation)”*;

**GIVEN** the Decree of the President of the Republic February 11, 2005 no. 82 *“Regulation containing provisions for the use of certified electronic mail, pursuant to art. 27 of the law of 16 January 2003 n. 3”*;

**GIVEN** the legislative decree of 7 March 2005, no. 82 *“Digital Administration Code”* and subsequent amendments and additions;

**GIVEN** the legislative decree 1 April 2006, no. 198 *“Code of equal opportunities between men and women, in accordance with Article 6 of Law no. 246”*;

**CONSIDERING** the Decree of the President of the Republic 30 July 2009 no. 189 *“Recognition of foreign qualifications for access to public competitions”* and in particular the art. 2;

**GIVEN** the Interministerial Decree of 9 July 2009 for the equivalence between the diplomas of old system degrees, specialist degrees (LS) pursuant to D.M. 509/99 and master's degrees (LM) ex D.M. 270/04 for the purposes of participation in public competitions;

**GIVEN** the law of 30 December 2010, no. 240 and subsequent amendments *“Rules on the organization of universities, academic staff and recruitment, as well as delegation to the Government to encourage the quality and efficiency of the university system”* and, in particular, art. 24bis;

**HAVING REGARD** to the law of 12 November 2011 no. 183 *“Provisions for the formation of the annual and multi-year state budget”* (stability law 2012) and in particular art. 15, containing rules on certificates and substitutive declarations;

**GIVEN** the Decree Law of 9 February 2012, no. 5, containing *“Urgent provisions on simplification and development”* converted, with amendments, by law 4 April 2012, no. 35;

**GIVEN** the law 6 November 2012, n. 190 containing *“Provisions for the prevention and repression of corruption and illegality in the public administration”*;

**GIVEN** the Legislative Decree 14 March 2013, no. 33 containing *“Reorganization of the regulations concerning the obligations of publicity, transparency and dissemination of information by the Public Administrations”*;

**GIVEN** the law of 6 August 2013, no. 97 *“Provisions for the fulfillment of obligations arising from Italy's membership of the European Union European Law 2013”* and in particular art. 7 which modified the rules on the access of foreigners to jobs in public administrations;

**GIVEN** the National Collective Labor Agreement of the University sector for the four-year regulatory period 2006-2009, signed on 16 October 2008, and the National Collective Labor Agreement relating to the staff of the Education and Research sector for the three-year period 2016-2018, signed on 19 April 2018;

**GIVEN** the law of 30 October 2013, n.125 converting the D.L. 101/2013 containing *“Urgent provisions for the pursuit of rationalization objectives in public administrations”*;

**GIVEN** the Legislative Decree of 15 June 2015, n. 81 *“Organic discipline of employment contracts and revision of the legislation on duties, pursuant to article 1, paragraph 7, of law 10 December 2014, n. 183”* and subsequent amendments;

**GIVEN** the law of 19 June 2019, no. 56, concerning *“Interventions for the concreteness of the actions of the public administrations and the prevention of absenteeism”*;

**GIVEN** the National Recovery and Resilience Plan (PNRR), presented to the European Commission on 30 April 2021 pursuant to art. 18 of Regulation (EU) no. 2021/241 and approved by decision of the ECOFIN Council of 13 July 2021 notified to Italy by the General Secretariat of the Council with note LT161/21 of 14 July 2021;

**GIVEN** the Decree-Law of 31 May 2021, n. 77, converted with amendments by law 29 July 2021, n. 108, containing *“Governance of the National Recovery and Resilience Plan and first measures to strengthen the administrative structures and to speed up and streamline procedures”*;

**GIVEN** the Decree-Law of 9 June 2021, n. 80, converted with amendments by law 6 August 2021, n. 113, containing *“Urgent measures to strengthen the administrative capacity of public administrations functional to the implementation of the National Recovery and Resilience Plan (PNRR) and for the efficiency of justice”*;

**GIVEN** the D.P.C.M. 9 July 2021 establishing the identification of the central administrations that are holders of interventions envisaged in the National Recovery and Resilience Plan (PNRR), pursuant to article 8, paragraph 1 of the Decree-Law of 31 May 2021, n. 77;

**GIVEN** the Decree-Law of 6 November 2021, n. 152, converted with amendments by law 29 December 2021, n. 233, containing "*Urgent provisions for the implementation of the National Recovery and Resilience Plan (PNRR) and for the prevention of mafia infiltrations*";

**GIVEN** the Circular of the Ministry of Economy and Finance n. 4 of 18 January 2022, concerning the "*National Recovery and Resilience Plan (PNRR) - article 1, paragraph 1 of decree-law no. 80 of 2021 - implementing indications*";

**GIVEN** to the Interministerial Decree of 7 December 2021, which adopts the guidelines aimed at promoting equal gender and generational opportunities, as well as the employment inclusion of people with disabilities in public contracts financed with the resources of the National Recovery and Resilience Plan and the Plan National for investments complementary to the PNRR (PNC), established with the Decree-law 6 May 2021, n. 59;

**GIVEN** that the National Recovery and Resilience Plan (PNRR) is part of the Next Generation EU (NGEU) economic recovery project in response to the pandemic crisis generated by COVID-19 and is developed around three strategic axes shared at European level – Digitization and Innovation, Transition Ecology, Social Inclusion – divided into six Missions or main thematic areas and 16 components;

**NOTING** that, as part of Mission 4, Component 2 "from research to business" intends (1) to strengthen research and encourage the dissemination of innovative models for basic and applied research conducted in synergy between universities and businesses; (2) supporting processes for innovation and technology transfer; (3) enhance research infrastructure, capital and innovation support skills;

**NOTING** that Mission 4, Component 2 "from research to business" envisaged four types of investments:

- "*Partnerships extended to universities, research centres, companies for the financing of basic research projects*" (Partenariati Estesi);
- "*Strengthening of research structures for the creation of "national R&D champions" on some "Key Enabling Technologies"*" (National Centres);
- "*Creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders"*" (Innovation Ecosystems);
- "*Fund for the creation of an integrated system of research and innovation infrastructures*" (Research Infrastructures and Technological Innovation Infrastructures);

**CONSIDERING** the Directorial Decree of the Ministry of University and Research n. 3277 of 30 December 2021, with which the "Public Notice was issued for the presentation of Intervention Proposals for the creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders" - Ecosystems of Innovation - within the National Recovery and Resilience Plan, Mission 4 Education and research - Component 2 From research to business - Investment 1.5, funded by the European Union – NextGenerationEU";

**CONSIDERING** that on 24 February 2022 Sapienza - University of Rome, in its capacity as proposing entity, presented, pursuant to art. 4 of the Notice, the Project Proposal aimed at creating an "Innovation Ecosystem" called Rome Technopole, involving a partnership of seven Universities, including the University of Rome "Tor Vergata", four Research Centres, Institutions and territorial bodies and a significant number of businesses, as well as business associations operating in the region;

**CONSIDERING** that on 8 June 2022, following the outcome of the negotiation phase referred to in Article 14 of the Notice, the "Innovation Ecosystem - Rome Technopole" Project was admitted to funding of Euro 110,000,000 and was established the Participatory Foundation as the Hub for its implementation, pursuant to

art. 14 and following of the civil code, and of the art. 7 of Presidential Decree 361/2000, named: Rome Technopole Foundation, registered in the Register of Private Legal Persons of the Lazio Region under no. 432, pursuant to Executive Decision n. G08117 of June 22, 2022;

**CONSIDERING** the Directorial Decree of the Ministry of University and Research n. 1051 of 23 June 2022, with which the Rome Technopole project was admitted for funding (Proposal submission code: ECS 00000024), presented by Sapienza - University of Rome and related annexes, including annex D "Regulations for granting concessions" foreseen through the signing of the deed of obligation between the Rome Technopole Foundation and the MUR, n. repertoire 2930 of 4 August 2022;

**CONSIDERING** that within the scope of the aforementioned project it is necessary to proceed with the recruitment, among other things, of technologists referred to in art. 24bis of the law of 30 December 2010, n. 240 (in the text in force before the entry into force of the law of 29 June 2022, n. 79 of "Conversion into law, with amendments, of the decree law of 30 April 2022, n. 36");

**CONSIDERING** that the duration of the research programs is set at 36 months starting from the date indicated in the decrees granting funding, and in any case no later than 28 February 2026;

**GIVEN** the Statute of "Tor Vergata" University of Rome, issued with Rector's Decree no. 3427 of 12 December 2011 and subsequent amendments and additions;

**GIVEN** the Code of Ethics of "Tor Vergata" University of Rome;

**GIVEN** the Code of Conduct for employees of "Tor Vergata" University of Rome;

**GIVEN** the University Regulations for the recruitment of fixed-term technologists pursuant to art. 24 bis of the law n. 240/2010 and regulation of the employment relationship, issued with Rector's Decree no. 1619 of 6 July 2021, published on 12 July 2021;

**CONSIDERING** the resolutions:

- of the Biology Department Council, assumed in the session of 23 February 2023;
- of the Council of the Department of Civil Engineering and Computer Engineering, assumed in the session of 10 February 2023;
- of the Enterprise Engineering Department Council of the "Mario Lucertini" company, assumed in the meeting of 31 January 2023;
- of the Electronic Engineering Department Council, taken in the session of 3 March 2023;

**HAVING REGARD** to resolution no. 10.16) of the Board of Directors, taken at the meeting of 28 March 2023, with which the activation, among others, of the following public selective procedures for the recruitment of technologists on fixed-term contracts was approved, pursuant to art. 24bis of the law of 30 December 2010, n. 240 (in the text in force before the entry into force of the law of 29 June 2022, n. 79 "Conversion into law, with amendments, of the decree law of 30 April 2022, n. 36") as part of the National Recovery and Resilience Plan, Mission 4, Component 2, Investment 1.5 and with specific regard to the research and innovation program "Rome Technopole", funded by the European Union NextGenerationEU:

Department	No. Of positions	Reference salary category	Reference person	Financing percentage	Reference no.	Sheet no.
Biology	1 – full time	EP1	Prof. Maurizio Fraziano	90 % su fondi PNRR - Roma Technopole	2093	1

Department	No. Of positions	Reference salary category	Reference person	Financing percentage	Reference no.	Sheet no.
Civil Engineering and Computer Engineering	1 – full time	EP3	Prof. Francesco Lombardi	90 % on PNRR funds - Roma Technopole	<b>2094</b>	<b>2</b>
Enterprise Engineering “Mario Lucertini”	1 – full time	EP3	Prof. Vincenzo Tagliaferri	100% on PNRR funds - Roma Technopole	<b>2095</b>	<b>3</b>
Enterprise Engineering “Mario Lucertini”	1 – full time	EP3	Prof. Vincenzo Tagliaferri	100% on PNRR funds - Roma Technopole	<b>2096</b>	<b>4</b>
Enterprise Engineering “Mario Lucertini”	1 – full time	EP1	Prof. Silvio Genna	100% on PNRR funds - Roma Technopole	<b>2097</b>	<b>5</b>
Enterprise Engineering “Mario Lucertini”	1 – full time	EP1	Prof. Umberto Crisalli	90% on PNRR funds - Roma Technopole	<b>2098</b>	<b>6</b>
Enterprise Engineering “Mario Lucertini”	1 – part time	EP1	Prof. Federica Trovalusci	100% on PNRR funds - Roma Technopole	<b>2099</b>	<b>7</b>
Electronic Engineering	1 – full time	EP1	Prof. Gian Carlo Cardarilli	90% on PNRR funds - Roma Technopole	<b>2100</b>	<b>8</b>
Electronic Engineering	1 – full time	EP1	Prof. Corrado Di Natale	90% on PNRR funds - Roma Technopole	<b>2101</b>	<b>9</b>
Electronic Engineering	2 – full time	EP1	Prof. Giuseppe Bianchi	90% on PNRR funds - Roma Technopole	<b>2102</b>	<b>10</b>

**CONSIDERING** that in the aforementioned resolution 10.16) of the Board of Directors, adopted in the meeting of 28 March 2023, the hiring of researchers "is subject to the effective making available by the

competent bodies in favor of the University of Rome "Tor Vergata" of the funding provided in relation to the "Rome Technopole" research and innovation programme;

## DECREES

### Art. 1 - Call for the public selective procedure

1. The following public selective procedure is announced for the purpose of recruiting a first-level technologist, with a fixed-term contract, using the resources of the National Recovery and Resilience Plan (PNRR), Mission 4 *Education and research*, Component 2 *from research to enterprise*, Investment 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures", reference action 3.1.1 "Creation of new IRs or enhancement of existing ones that contribute to the Scientific Excellence objectives of Horizon Europe and establishment networks" - EuPRAXIA Advanced Photon Sources (EuAPS), funded by the European Union – NextGenerationEU:

Sheet no. 1	
Reference no. 2093	
Department of Biology	
Number of positions	1
Reference category	EP1
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Biology
Scientific project	<p><b>Flagship n. 7</b> <i>Advanced and automated innovation labs for diagnostic and therapeutic biopharma solutions</i></p> <p><b>Spoke 1</b> <i>Applied research, technology development and innovation</i></p> <p><b>Sub-title:</b> <i>Liposomi Bioattivi: sviluppo di una strategia terapeutica combinate diretta all'ospite e al patogeno contro le infezioni farmacoresistenti</i></p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Maurizio Fraziano</p> <p>To implement the bioactive liposome biotechnology platform and generate a novel combined host-pathogen-directed therapy for the control of drug-resistant bacterial infections to counter the global emergence of antimicrobial drug resistance. The combination of both host and pathogen-directed therapeutic approaches may represent a particularly advantageous strategy, compared to monotherapies, for i) controlling multidrug-resistant infections, ii) minimizing the risk of the emergence of further drug resistance, and iii) reducing the time of therapy.</p>

Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) development of new "bioactive" liposomal formulations for the control of drug-resistant infections and their chemical-physical characterization;</p> <p>(b) in vitro and ex vivo validation of the new liposomal formulations in models of infection with bacterial pathogens.</p>
Required knowledge and skills	<p>§ 1. The following knowledge and skills are required (advanced level): microbiological, immunological and liposome preparation methods. main techniques related to (i) the cultivation of Gram+ and Gram-bacterial microorganisms; (ii) the chemical-physical characterization of the new liposomal formulations; (iii) the culture of immune cells and their phenotypic and functional characterization.</p> <p>Dynamic light scattering and the main microbiology (CFU) and immunology tests (fluorometric, cytofluorimetric, immunoenzymatic assays).</p> <p>host-pathogen interaction, host antimicrobial response, and lipid chemistry.</p> <p>§ 2. The following are also required:</p> <p>(a) good knowledge of the English language (the level of knowledge required is to be parameterised at level B2 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks.</p>
Specific admission requirements	<i>first requirement</i>
	<p>(1) <b>previous degree</b> in agro-industrial biotechnology; Biotechnology specialization Industrial Biotechnology, Biological Sciences</p> <p><b>or</b></p> <p>(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in one of the following classes: 8/s, 6/s</p> <p><b>oppure</b></p> <p>(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-8, LM-6</p>
	as well as
	<i>Second requirement</i>
	particular professional qualification obtainable:

	from previous work experience of <b>at least two years</b> congruent with the activity to be carried out
	<b>or</b>
	<b>from the following post-graduate qualifications:</b> PhD and/or Research grant at least once a year and/or II level University Master's degree in disciplines related to the scientific project
	<b>or</b>
	<i>first requirement</i>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes (ex DM 270/04): L-2, L-13 (ex DM 509/99): 01, 12
	<b>as well as</b>
<i>Second requirement</i>	
<b>particular professional qualification obtainable:</b>	
from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.	
<b>or</b>	
<b>from the following post-graduate qualifications:</b> research grant at least once a year and/or 1st level university Master's degree in disciplines related to the scientific project	

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Sheet no. 2	
Reference no. 2094	
Department of Civil Engineering and Computer Engineering	
Number of positions	1
Reference category	EP3
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Civil Engineering and Computer Engineering
Scientific project	Flagship n. 1

	<p><b>Title:</b> <i>FPI - Decarbonization and digitalization in research on new green energy sources</i></p> <p><b>Spoke 1</b> <i>Applied research, technology development and innovation</i></p> <p><b>Sub-title:</b> <i>Enhancement of industrial residues with storage of carbon dioxide in solid form</i></p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Francesco Lombardi.</p>
<b>Tasks to be done</b>	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) characterization of industrial waste;</p> <p>(b) development and application of analytical methods for the measurement of macro and micro elements in industrial residues and their leachate;</p> <p>(c) identification of valorisation options for different types of industrial waste with storage of carbon dioxide.</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- standardized methods of sampling and analysis of industrial residues;</li> <li>- main analytical techniques based on gas chromatography, plasma emission spectrometry, ion chromatography, total and organic carbon analysis, mineralogy and morphology, elemental analysis;</li> <li>- main standardized leaching tests;</li> <li>- safety in the workplace, with specific reference to chemical laboratories.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks.</p>
<b>Specific admission requirements</b>	<p><i>first requirement</i></p> <p>(1) <b>previous degree</b> in Chimica</p> <p><b>or</b></p> <p>(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in this class: 62S</p> <p><b>or</b></p>

	(3) master's degree (Ministerial Decree n. 270/2004) in this class: LM-54
	as well as
	<i>second requirement</i>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least two years</b> congruent with the activity to be carried out  <b>or</b> <b>from the following post-graduate qualifications:</b> II level university master's degree in disciplines related to the scientific project
	<b>or</b>
	<i>First requirement</i>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes:  (ex DM 270/04): L-27 (ex DM 509/99): 21
	as well as
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.  <b>or</b> <b>with the following post-graduate qualifications:</b> 1st level university master's degree in disciplines related to the scientific project

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<b>Sheet no. 3</b>	
<b>Reference no. 2095</b>	
<b>Department of Enterprise Engineering "Mario Lucertini"</b>	
<b>Number of positions</b>	1
<b>Reference category</b>	EP3
<b>Commitment scheme</b>	Full time

<b>Duration</b>	24 months
<b>Place of reference and service</b>	Dipartimento di <b>Enterprise Engineering "Mario Lucertini"</b>
<b>Scientific project</b>	<p><b>Spoke 1</b> <i>Applied research, technology development and innovation</i></p> <p><b>Spoke 2</b> <i>Technology transfer, new entrepreneurship, business incubation and acceleration</i></p> <p><b>Sub-title:</b> <i>Enhancement of research and technology transfer activities within the application domains of Spokes 1 and 2 of the "Rome Technopole" project</i></p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Vincenzo Tagliaferri.</p>
<b>Tasks to be done</b>	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) mapping, monitoring, research analysis and exploitation of industrial research results;</p> <p>(b) planning, elaboration and support in the management of applied research actions aimed at technology transfer;</p> <p>(c) technical-scientific support activities for third mission activities, technology transfer and training on technology transfer;</p> <p>(d) consultancy on specific management, administrative and accounting issues;</p> <p>(e) scouting of internal project ideas and scientific research results aimed at their entrepreneurial valorisation (innovative spin-offs and start-ups, patents);</p> <p>(f) support for the construction of partnerships with institutions, businesses and business networks;</p> <p>(g) creation of connections and follow-up processes aimed at consolidating collaborations with companies and institutions.</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- technical-scientific knowledge and skills, particularly in the field of materials, technologies and manufacturing systems and industrial processes;</li> <li>- planning, management, monitoring, reporting and knowledge of the administrative processes inherent in programs and/or projects co-financed with national, local and international funds, according to the rules of the single programmes;</li> <li>- main regional, national, European and international funding programs and the National Recovery and Resilience Plan (PNRR);</li> </ul>

	<p>- European procedures for reporting and auditing scientific projects.</p> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks;</p> <p>(c) problem solving skills, orientation towards both internal and external users, communication and relational skills, team working and motivation for the role.</p>
Specific admission requirements	<b>First requirement</b>
	(1) <b>previous degree</b> in Industrial Engineering, Materials Science, Industrial Chemistry, Management Engineering
	<b>or</b>
	(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in one of the following classes: 34/S; 81/S; 36/S; 61/S
	<b>or</b>
	(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-31; LM-71; LM-33; LM-53
	<b>as well as</b>
	<b>Second requirement</b>
	<b>particular professional qualification obtainable:</b>
	from previous work experience of <b>at least two years</b> congruent with the activity to be carried out
	<b>or</b>
	<b>from the following post-graduate qualifications:</b> PhD in scientific disciplines or Research grant at least one year in disciplines related to the scientific project
	<b>or</b>
	<b>First requirement</b>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes
	(ex DM 270/04): L-27; L-9;
	(ex DM 509/99): 21; 10.
	<b>as well as</b>
	<b>Second requirement</b>

	<p><b>particular professional qualification obtainable:</b></p> <p>from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.</p> <p><b>or</b></p> <p><b>from the following post-graduate qualifications:</b> at least four-year research grant in disciplines related to the scientific project</p>
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Sheet no. 4	
Reference no. 2096	
Department of Enterprise Engineering "Mario Lucertini"	
Number of positions	1
Reference category	EP3
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Enterprise Engineering "Mario Lucertini"
Scientific project	<p><b>Spoke 3</b> <i>University education, industrial PhD courses, internationalization</i></p> <p><b>Spoke 5</b> <i>Out-reach, public engagement, lifelong learning</i></p> <p><b>Sub-title:</b> <i>Enhancement of training, technology transfer and public engagement activities within the application domains of Spokes 3 and 5 of the "Rome Technopole" project (NextGenerationEU - PNRR - Mission 4, Component 2, Investment 1.5).</i></p> <p><b>Topic:</b> The activities to be carried out will concern support for the management and implementation of activities with reference to the Tasks of Spoke 3 and Spoke 5.</p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Vincenzo Tagliaferri.</p>
Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) support for third mission activities and the planning of tertiary and professional training initiatives in the context of technology transfer activities;</p>

	<p>(b) use and application of protection and protection systems for intellectual works, with reference to the public sector and collaboration with businesses;</p> <p>(c) scouting of internal project ideas and scientific research results aimed at their entrepreneurial valorisation (innovative spin-offs and start-ups, patents);</p> <p>(d) implementation of open innovation and match-making initiatives also in collaboration with partners outside the University, in order to increase collaboration activities with institutions and companies and increase the ability to transfer and exploit academic findings;</p> <p>(e) support for the construction of partnerships with institutions, businesses and business networks.</p> <p>(f) creation of connections, communication processes and follow-up processes aimed at consolidating collaborations with companies and institutions;</p> <p>(g) planning of dissemination and promotion activities, organization of events, communication strategies and management of relations with partners, public and private bodies.</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- marketing, scouting, planning, communication, organization of technology transfer and corporate culture events;</li> <li>- creation and management of relationships with companies and in the formation of collaboration networks with other universities, research institutes or companies both locally and nationally;</li> <li>- internationalization processes of technologies and start-ups/spinoffs and of training institution processes;</li> <li>- main regional, national, European and international funding programs and the National Recovery and Resilience Plan (PNRR);</li> <li>- planning, management, monitoring, reporting and knowledge of administrative processes related to programs and/or projects co-financed with national, local and international funds.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks;</p> <p>(c) relationship and communication skills with local authorities and businesses also in relation to the use of the web and social and media;</p> <p>(d) problem solving skills, orientation towards both internal and external users, communication and relational skills, team working and motivation for the role.</p>
<b>Specific admission requirements</b>	<b>First requirement</b>

(1) **previous degree** in Educational Sciences, Communication Sciences, Management Engineering

**or**

(2) **specialist degree** (Ministerial Decree n. 509/1999) in one of the following classes: 65/S; 59/S; 67/S; 34/S

**or**

(3) **master's degree** (Ministerial Decree n. 270/2004) in one of the following classes: LM-57; LM-59; LM-31

**as well as**

***Second requirement***

**particular professional qualification obtainable:**

from previous work experience of **at least two years** congruent with the activity to be carried out

**or**

**from the following post-graduate qualifications:** PhD or Research grant at least one year in disciplines related to the scientific project

**or**

***First requirement***

**three-year degree**, obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes:

(ex DM 270/04): L-19; L-20; L-9;

(ex DM 509/99): 18; 14; 10.

**as well as**

***Second requirement***

**particular professional qualification obtainable:**

from previous work experience of **at least four years** congruent with the activity to be carried out.

**or**

**from the following post-graduate qualifications:** university master's degree, at least four-year research grant in disciplines related to the scientific project.

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**Sheet no. 5**

Reference no. 2097	
Department of Enterprise Engineering "Mario Lucertini"	
Number of positions	1
Reference category	EP1
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Enterprise Engineering "Mario Lucertini"
Scientific project	<p><b>Flagship n. 3</b>  <b>Title</b> <i>"Digital transition in the decarbonization process and in waste recycling processes"</i>.</p> <p><b>Spoke 1</b>  <i>Applied research, technology development and innovation</i></p> <p><b>Sub-title:</b> <i>Integrated system for the recognition and on-board pre-treatment of waste on means of transport dedicated to collection - Integrated System for on-board WAsTe Pretreatment (ISWAP)</i></p> <p>CUP: E83C22003240001</p> <p>Reference person: Dott. Ing. Silvio Genna.</p>
Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) design of sensor systems;</p> <p>(b) development of algorithms based on artificial intelligence for signal acquisition;</p> <p>(c) design of integrated systems for waste separation and pre-treatment.</p>
Required knowledge and skills	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- Experimental design techniques (Design Of Experiment – DOE);</li> <li>- main techniques for the characterization and treatment of materials;</li> <li>- expert systems.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks.</p>
Specific admission requirements	<b>First requirement</b>

(1) **previous degree** in Ingegneria industriale o ambiti affini

**or**

(2) **specialist degree** (Ministerial Decree n. 509/1999) in one of the following classes: 34/S; 36/S; 61/S; 62/S; 81/S

**or**

(3) **master's degree** (Ministerial Decree n. 270/2004) in one of the following classes: LM-31; LM-33; LM-53; LM 54

**as well as**

***Second requirement***

**particular professional qualification obtainable:**

from previous work experience of **at least two years** congruent with the activity to be carried out

**or**

**from the following post-graduate qualifications:** PhD or Research grant at least one year in disciplines related to the scientific project.

**or**

***First requirement***

**three-year degree**, obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes

(ex DM 270/04): L-9;

(ex DM 509/99): 10.

**as well as**

***Second requirement***

**particular professional qualification obtainable:**

from previous work experience of **at least four years** congruent with the activity to be carried out.

**or**

**from the following post-university qualifications:** at least four-year research grant in disciplines related to the scientific project

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**Sheet no. 6**

**Reference no. 2098**

Department of Enterprise Engineering "Mario Lucertini"	
Number of positions	1
Reference category	EP1
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Enterprise Engineering "Mario Lucertini"
Scientific project	<p><b>Flagship n. 2</b> <i>Energy transition and digital transition in urban regeneration and construction</i></p> <p><b>Spoke 6</b> <i>Open Research Infrastructures, joint labs, higher education with industrial collaboration</i></p> <p><b>Sub-title:</b> Sustainable mobility</p> <p><b>Topic:</b> Models and methods of transport systems engineering applied to sustainable mobility to improve knowledge and governance of the urban mobility system, facilitate the use of more sustainable modes of transport and their integration in the perspective of mobility as a service, the energy transition and autonomous vehicles.</p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Umberto Crisalli.</p>
Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) macro and micro simulation of public and private transport networks;</p> <p>(b) rail transport;</p> <p>(c) road safety: analysis of driving behavior by means of virtual reality;</p> <p>(d) sustainable mobility</p>
Required knowledge and skills	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- transport simulation and management, with reference to software such as Inro Emme, PTV Vissim, Opentrack, GIS Georeferencing;</li> <li>- instrumentation for in situ data survey and data analysis;</li> <li>- driving simulators in virtual reality.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p>

	(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks.
Specific admission requirements	<i>first requirement</i>
	(1) <b>previous degree</b> in Civil Engineering
	<b>or</b>
	(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in the class: 28/S
	<b>oppure</b>
	(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-23
	<b>as well as</b>
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b>
	from previous work experience of <b>at least two years</b> congruent with the activity to be carried out
Specific admission requirements	<b>or</b>
	<b>from the following post-graduate qualifications:</b> Three-year research grant in disciplines of the scientific disciplinary sector ICAR/05 related to the scientific project.
	<b>or</b>
	<i>first requirement</i>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes
	(ex DM 270/04): L-7
	(ex DM 509/99): 08
	<b>as well as</b>
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b>
	from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.
Specific admission requirements	<b>or</b>
	<b>from the following post-graduate qualifications:</b> at least four-year research grant in disciplines related to the scientific project

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Sheet no. 7	
Reference no. 2099	
Department of Enterprise Engineering "Mario Lucertini"	
Number of positions	1
Reference category	EP1
Commitment scheme	Part time (50%)
Duration	24 months
Place of reference and service	Department of Enterprise Engineering "Mario Lucertini"
Scientific project	<p><b>Spoke 2</b></p> <p><b>Title:</b> <i>Technology transfer, new entrepreneurship, business incubation and acceleration</i></p> <p><b>Spoke 3</b></p> <p><b>Title:</b> <i>University education, industrial PhD courses, internationalization</i></p> <p><b>Sub-title:</b> <i>Interdisciplinary Digital Active Learning Lab Tor Vergata</i></p> <p><b>Topic:</b> <i>Educational laboratory in collaboration with external companies with the functions of providing extra-curricular courses and creating educational content.</i></p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Federica Trovalusci.</p>
Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) planning and testing of online teaching solutions, consistent with the reference disciplines and with the entry and exit profiles of the participants;</p> <p>(b) guidance and support to teaching staff in the use of e-learning methods and tools for adult education;</p> <p>(c) construction of collaborative and immersive tasks for students also in order to identify patents and/or technology transfers;</p> <p>(d) survey activities in collaboration with teachers for the evaluation and monitoring of the educational offer.</p>
Required knowledge and skills	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- methods of educational research and the use of the main platforms for asynchronous and synchronous online teaching;</li> </ul>

	<ul style="list-style-type: none"> <li>- digital technologies for education and learning;</li> <li>- main evaluation techniques of learning paths;</li> <li>- main tools for adult learning;</li> <li>- knowledge and skills in the pedagogical and didactic field specifically oriented towards life long learning.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) intermediate level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks, applications dedicated to online teaching interaction.</p>
Specific admission requirements	<i>first requirement</i>
	(1) <b>previous degree</b> in Philosophy, Pedagogy, Letters
	<b>or</b>
	(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in one of the following classes: 17/S, 18/S, 96/S, 65/S, 87/S, 24/S
	<b>oppure</b>
	(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-78, LM-57, LM-85, LM-43
	<b>as well as</b>
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b>
	from previous work experience of <b>at least two years</b> congruent with the activity to be carried out
	<b>or</b>
	<b>from the following post-graduate qualifications:</b> PhD and/or Research grant at least two years.
	<b>or</b>
	<i>first requirement</i>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes
	(ex DM 270/04): L-5, L-19, L-10
	(ex DM 509/99): 29, 18, 05.
	<b>as well as</b>

	<b>Second requirement</b>
	<p><b>particular professional qualification obtainable:</b></p> <p>from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.</p> <p><b>or</b></p> <p><b>from the following post-graduate qualifications:</b> at least two-year research grant and/or 1st level university Master's.</p>

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Sheet no. 8	
Reference no. 2100	
Department of Electronic Engineering	
Number of positions	1
Reference category	EP1
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Electronic Engineering
Scientific project	<p><b>Flagship n. 5</b></p> <p><i>Digital transition through AESA (Active Electronically Scanned Array) radar technology, quantum cryptography and quantum communications</i></p> <p><b>Flagship n. 6</b></p> <p><i>Artificial intelligence, virtual reality and digital twin for advanced engineering and aerospace</i></p> <p><b>Spoke 2</b></p> <p><i>Technology transfer, new entrepreneurship, business incubation and acceleration</i></p> <p><b>Sub-title:</b> Development of new hardware platforms for radar processing</p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Gian Carlo Cardarilli.</p>
Tasks to be done	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p>

	<p>(a) design of complex systems based on FPGAs and high performance ADC and DAC converters;</p> <p>(b) development of device driver code for operating systems on processors h/w and s/w embedded in FPGA;</p> <p>(c) PCB design for complex high speed systems;</p> <p>(d) development of interfaces for high performance memories.</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- design methods for hybrid systems based on FPGAs and processors;</li> <li>- main device driver programming techniques in Linux Embedded environment;</li> <li>- main signal integrity oriented design techniques;</li> <li>- main tools for verifying the developed circuits;</li> <li>- digital and interface design.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) advanced level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks as well as what is indicated in § 1 above.</p>
<b>Specific admission requirements</b>	<i>first requirement</i>
	<p>(1) <b>previous degree</b> in Electronics</p> <p><b>or</b></p> <p>(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in the class: 32/s</p> <p><b>or</b></p> <p>(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in the class: LM-29</p>
	as well as
	<i>Second requirement</i>
	<p><b>particular professional qualification obtainable:</b></p> <p>from previous work experience of <b>at least two years</b> congruent with the activity to be carried out</p> <p><b>or</b></p> <p><b>from the following post-graduate qualifications:</b> PhD and/or Research grant at least two years.</p>
	<b>or</b>
	<i>first requirement</i>

	<p><b>three-year degree</b>, obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes</p> <p>(ex DM 270/04): L-8</p> <p>(ex DM 509/99): 09</p>
	as well as
	<i>Second requirement</i>
	<p><b>particular professional qualification obtainable:</b></p> <p>from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.</p> <p><b>or</b></p> <p><b>from the following post-graduate qualifications:</b> at least two-year research grant and/or 1st level university Master's</p>

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Sheet no. 9	
Reference no. 2101	
Department of Electronic Engineering	
Number of positions	1
Reference category	EP1
Commitment scheme	Full time
Duration	24 months
Place of reference and service	Department of Electronic Engineering
Scientific project	<p><b>Flagship n. 4</b></p> <p><i>Development, innovation and certification of medical and non-medical devices for health</i></p> <p><b>Spoke 2</b></p> <p><i>Technology transfer, new entrepreneurship, business incubation and acceleration</i></p> <p><b>Sub-title:</b> <i>Development of wearable sensors for measuring the human volatileoma</i></p> <p><b>Topic:</b> Volatileoma is the fraction of the metabolome made up of molecules measurable in the gaseous phase with analytical chemistry methods. At the Tor Vergata University of Rome, sensors optimized for this application are developed and instruments for Volatolomics are designed. The project aims</p>

	<p>to increase the performance of the tools developed so far and to develop a new generation of wearable sensors such as sensors for breath analysis printed on FFP2 masks.</p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Corrado Di Natale.</p>
<b>Tasks to be done</b>	<p>The first-level technologist, within the framework of the directives given to him, carries out planning, processing and management functions related to the research project with the assumption of the related responsibility in the following areas:</p> <p>(a) design of the interface electronics of sensor systems;</p> <p>(b) study of the optimization of sensor deposition techniques on organic substrates;</p> <p>(c) organization of sensor tests and collaboration in the preparation of clinical test protocols;</p> <p>(d) collaboration in the statistical analysis of the data.</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- design methods for analog interface electronics and signal processing electronics;</li> <li>- main techniques related to chemical sensors;</li> <li>- main tests for sensor calibration;</li> <li>- multivariate statistical analysis and machine learning techniques;</li> <li>- Python and Matlab programming software.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p> <p>(b) advanced level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks as well as what is indicated in § 1 above.</p>
<b>Specific admission requirements</b>	<p><i>first requirement</i></p> <p>(1) <b>previous degree</b> in electronic Engineering</p> <p><b>or</b></p> <p>(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in one of the following classes: 32/S; 26/S</p> <p><b>or</b></p> <p>(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-29; LM-21</p> <p><b>as well as</b></p>

	<b>Second requirement</b>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least two years</b> congruent with the activity to be carried out <b>or</b> <b>from the following post-graduate qualifications:</b> PhD and/or Research grant at least once a year and/or II level University Master's degree in disciplines related to the scientific project.
	<b>or</b>
	<b>first requirement</b>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes (ex DM 270/04): L-8, with specific regard to: Biomedical Engineering or Electronic Engineering and Information Technologies (ex DM 509/99): 9
	<b>as well as</b>
	<b>Second requirement</b>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least four years</b> congruent with the activity to be carried out. <b>or</b> <b>from the following post-graduate qualifications:</b> at least one annual research grant and/or 1st level University Master's degree in disciplines related to the scientific project

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<b>Sheet no. 10</b>	
<b>Reference no. 2102</b>	
<b>Department of Electronic Engineering</b>	
<b>Number of positions</b>	2
<b>Reference category</b>	EP1
<b>Commitment scheme</b>	Full time
<b>Duration</b>	24 months

<b>Place of reference and service</b>	Department of Electronic Engineering
<b>Scientific project</b>	<p><b>Flagship n. 4</b> <i>Development, innovation and certification of medical and non-medical devices for health</i></p> <p><b>Spoke 1</b> <i>Applied research, technology development and innovation</i></p> <p><b>Sub-title:</b> <i>E-Health cyber threat protection</i></p> <p><b>Topic:</b> This project proposal is focused on improving the protection of health systems and devices in the E-Health field. The goal is to provide both tools to find and process information on the potential criticalities of the current cyber-physical systems in the field, and to provide tools to improve their protection against cyber attacks.</p> <p>CUP: E83C22003240001</p> <p>Reference person: Prof. Giuseppe Bianchi.</p>
<b>Tasks to be done</b>	<p>The two first-level technologists, within the directives given to them, and with reference both to the aspects of cyber threat intelligence for the research and correlation of data on the vulnerabilities of medical devices (CVE, CWE, CPE) with external elements, and to the aspects of protection and defense of systems and devices in the medical field, perform design, processing and management functions related to the research project with the assumption of related responsibility in the following areas:</p> <p>(a) development of technical crawlers and solutions aimed at retrieving open data and more generally information available explicitly or implicitly on public sites, and of interest for cyber threat intelligence in the eHealth sector, and consequent development and management of normalization tools, analysis, correlation and extraction of knowledge from the acquired data and presentation (also visual) in order to improve cyber threat awareness in medical scenarios.</p> <p>(b) Development of solutions for monitoring vulnerabilities and strengthening protection against cyber attacks on devices and systems used in medical contexts, also with reference to business continuity and resilience against denial of service and/or ransomware attacks</p>
<b>Required knowledge and skills</b>	<p>§ 1. The following knowledge and skills are required (advanced level):</p> <ul style="list-style-type: none"> <li>- applied cryptography and security of networks and information systems;</li> <li>- information technology, Internet systems, networks and distributed services;</li> <li>- Python and C/C++ programming.</li> </ul> <p>§ 2. The following are also required:</p> <p>(a) excellent knowledge of the English language (the level of knowledge required is to be parameterised at level C1 of the CEFR);</p>

	(b) advanced level digital skills as set out in the Syllabus "Digital skills for the PA", as regards the Office package, internet, e-mail, main social networks, as well as what is indicated in § 1 above.
Specific admission requirements	<i>first requirement</i>
	(1) <b>previous degree</b> in Automation Engineering, Telecommunications Engineering, Electronic Engineering Computer Engineering, Computer Science
	<b>or</b>
	(2) <b>specialist degree</b> (Ministerial Decree n. 509/1999) in one of the following classes 23/S; 29/S; 30/S; 32/S; 35/S
	<b>or</b>
	(3) <b>master's degree</b> (Ministerial Decree n. 270/2004) in one of the following classes: LM-25; LM-26; LM-27; LM-29; LM-32
	as well as
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least two years</b> congruent with the activity to be carried out
	<b>or</b> <b>from the following post-graduate qualifications:</b> PhD and/or Research grant at least one year and/or II level University Master's degree in disciplines related to the scientific project.
	<b>or</b>
	<i>first requirement</i>
	<b>three-year degree</b> , obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes (ex DM 270/04): L-8 (ex DM 509/99): 09
	as well as
	<i>Second requirement</i>
	<b>particular professional qualification obtainable:</b> from previous work experience of <b>at least four years</b> congruent with the activity to be carried out.
	<b>or</b>

**from the following post-graduate qualifications:** at least one annual research grant and/or 1st level University Master's degree in disciplines related to the scientific project

2. The positions referred to in this notice are based on the resources of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and research, Component 2 from research to business, Investment 1.5 Intervention proposals for the creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders" - Innovation Ecosystems - Roma Technopole research and innovation programme, funded by the European Union - NextGenerationEU according to the percentages indicated in the introduction.

3. For each of the profiles referred to in the files from n. 1 to no. 10 a public selective procedure is announced. The provisions contained in this Rector's decree of indiction apply to each of the public selective procedures called.

### **Art. 2 - Professional profile**

1. The first-level technologist, within the scope of the directives given to him, carries out planning, processing and management functions related to the Roma Technopole research and innovation program with the assumption of the related responsibility.

2. In particular, the sought-after figure will have to carry out the activities specifically identified in the previous article 1, paragraph 1, files from n. 1 to no. 10, under the heading "Activities to be carried out", according to the procedure of interest.

3. The knowledge and skills (advanced level) specifically identified in the previous article 1, paragraph 1, files from n. 1 to no. 10, under the heading "Knowledge and skills required", according to the procedure of interest.

### **Art. 3 - Admission requirements**

1. For admission to the selective public procedure referred to in the previous art. 1 the following requirements are required:

1) be in possession of the title (first requirement) as well as the particular professional qualification (second requirement) as specifically identified in the previous article 1, paragraph 1, file from no. 1 to no. 10, under the heading "Specific admission requirements" depending on the procedure of interest.

For qualifications obtained abroad, candidates are required to attach the provision relating to the legal recognition of the qualification held (equivalence/equivalence) with the Italian diploma, issued by the competent authorities.

For any information regarding the procedure for the recognition of the legal value of the foreign qualification in Italy, candidates are invited to consult the following links:

<https://www.miur.gov.it/web/guest/titoli-accademici-esteri>

<http://www.funzionepubblica.gov.it/strumenti-e-controlli/modulistica>

<http://www.cimea.it/it/servizi/procedure-di-riconoscimento-dei-titoli.aspx>

In the event that, at the time of submitting the application, the procedure for issuing the provision relating to the legal recognition of the qualification held (equivalence/equivalence) is in progress, candidates are required to produce the receipt certifying the presentation of the request without prejudice to the obligation - under penalty of forfeiture - to present the aforementioned provision for the purpose of stipulating the contract.

**The lack of the provision relating to the legal recognition of the qualification held (equivalence/equivalence) or of the receipt of the presentation of the relative request determines the**

**exclusion from participation in the public selective procedures or the impossibility of establishing the employment relationship.**

It should be noted that only the "Declarations of Value" of the security are not useful for the purpose.

2) have Italian citizenship or citizenship of another member state of the European Union. Furthermore, pursuant to art. 38, paragraphs 1 and 3 bis of the legislative decree n. 165 of 2001 and subsequent amendments, the family members of a citizen of one of the Member States of the European Union, not having the citizenship of a Member State, who are holders of the right of residence or the right of permanent residence and citizens of Third Countries who are holders of the EC residence permit for long-term residents or who are holders of refugee status or subsidiary protection status, as well as those who are in any case in possession of one of the residence permits provided for by current legislation on immigration, which allows the stipulation of employment contracts of a subordinate nature with the public administration.

3) enjoy civil and political rights (foreign citizens must declare that they enjoy civil and political rights even in the States of origin or origin or the reasons for non-enjoyment).

4) not having received criminal convictions or other measures that exclude from hiring into service or cause dismissal from employment in public administrations.

5) be in compliance with the laws on military service obligations (this requirement is required only for Italian male citizens born within 1985).

6) not having been excluded from the active political electorate.

7) not having been dismissed or dispensed from employment in a public administration for persistent insufficient performance and not having been declared forfeited from state employment pursuant to art. 127, letter d), of the Presidential Decree n. 3 of 1957.

8) have physical fitness for continuous and unconditional service for employment.

9) be at least 18 years of age and no more than the statutory age envisaged for termination of service once the age limit has been reached.

10) have adequate knowledge of the Italian language (*this requirement must be provided by foreign citizens only*).

11) not have a degree of kinship or affinity up to and including the fourth degree with a professor belonging to the proposing structure, with the Rector, with the General Manager or with a member of the Board of Directors of the University of Rome "Tor Vergata".

2. The prescribed requirements must be possessed, under penalty of exclusion, on the expiry date of the deadline for submitting applications for admission to the procedure. Candidates are required to promptly notify any changes that may occur in relation to the possession of the requirements for admission.

**Art. 4 - Applications for admission - Terms and procedures**

1. To participate in the competition, candidates draw up the application according to the format published, together with the announcement, on the website of "Tor Vergata" University of Rome at [https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)

and attached to this letter decree (Annex A).

2. Candidates are required to send the application, addressed to the General Manager of "Tor Vergata" University of Rome, Via Cracovia, 50, 00133 Roma, duly signed and accompanied by the attachments indicated in paragraph 8 of this article, **to penalty of exclusion, within the peremptory deadline of 13:00 on the twentieth day following that of the publication of the Directorial Decree calling the procedure on the institutional website.**

3. The application and related attachments must be sent in PDF format by certified e-mail (PEC) to [protocollo@pec.torvergata.it](mailto:protocollo@pec.torvergata.it), quoting in the subject line: “*Domanda tecnologo EP Roma Technopole - Riferimento n. \_\_\_\_\_*”. It is recommended to consider a maximum size limit of 30 Mbytes for each PEC, with the possibility of using several successive PECs (appropriately numbered) to complete the sending of the documentation. It should be noted that the validity of the transmission of the certified e-mail message is attested respectively by the acceptance receipt and by the delivery receipt provided by the e-mail manager, pursuant to art. 6 of the Presidential Decree no. 68 of 2005.

4. Without prejudice to the provisions of the previous paragraph, it should be noted that only in the event of proven objective impossibility to activate a PEC user or to use the method of sending the application via PEC - impossibility to be notified in advance to the Administration through timely communication to [concorsi@uniroma2.it](mailto:concorsi@uniroma2.it) – the application and its attachments can be submitted by registered mail with return receipt: in this case, candidates are required to send the documentation (not in paper format, but) **in pdf on computer storage medium** (non-rewritable CD-ROM, with indication of the candidate's name transcribed by hand). The envelope containing the IT support for storing the application and its attachments must be addressed to the Acting General Director. of the University of Rome 'Tor Vergata', Via Krakow, 50, 00133 Rome and the following data must be written in capital letters on the aforementioned envelope: name and surname of the candidate as well as the words “*Domanda tecnologo EP Roma Technopole - Riferimento n. \_\_\_\_\_*”. For the purposes of ascertaining the timeliness of submission of the application, the stamp of the accepting post office is the proof.

5. In the application, candidates are required to declare under their own responsibility pursuant to art. 46 and 47 of the Presidential Decree n. 445 of 2000 and subsequent amendments:

- 1) name and surname (married women must indicate their maiden name);
- 2) the place, date of birth, residential address, telephone number, PEC address, email address and tax code;
- 3) the profile of interest identified among those referred to in article 1, paragraph 1, files from no. 1 to no. 10;
- 4) possession of Italian citizenship or that of another Member State of the European Union or of being a family member of a citizen of one of the Member States of the European Union, who, despite not having the citizenship of a Member State, holds the right to residence or the right of permanent residence or to be a citizen of third countries holding the EC long-term residence permit or to be the holder of refugee status or subsidiary protection status;
- 5) possession of the first as well as the second requisite referred to in article 1, paragraph 1, form no. 1 to no. 10, item "Specific requirements for participation";
- 6) any assessable qualifications referred to in art. 10 of this announcement, considered useful for the purposes of this procedure;
- 7) any qualifications of preference with equal merit provided for by art. 11 of this announcement (these qualifications will be taken into consideration only if they are declared in the application for admission to the procedure);
- 8) the enjoyment of civil and political rights (foreign citizens must declare that they enjoy civil and political rights also in their country of origin or origin or the reasons for not enjoying them);
- 9) the municipality in whose electoral lists they are registered or the reasons for non-registration or cancellation from the same electoral lists;

- 10) to be immune from criminal convictions or any criminal convictions reported (even if an amnesty, amnesty, pardon, judicial pardon or plea bargaining sentence has been granted) and any ongoing or pending criminal proceedings against him;
- 11) services rendered in public administrations and the causes of termination of previous public employment relationships (this declaration must be made even if negative);
- 12) the current position with regard to military service obligations (the declaration regarding this requirement is required only for Italian male citizens born within 1985);
- 13) to be physically fit for continuous and unconditional employment, to which the selection procedure refers (this declaration is not required from candidates with disabilities);
- 14) to have a need, as they are recognized as handicapped pursuant to law n. 104 of 1992 or, in application of the law n. 170 of 2010, with specific learning disabilities, of the following aids and/or additional time for completing the tests, as per the attached certificate issued by the competent public health facility;
- 15) to have adequate knowledge of the Italian language (this declaration must be made only by foreign citizens);
- 16) that they have not been excluded from the active political electorate;
- 17) that they have not been dismissed or released from employment in a public administration for persistent insufficient performance and that they have not been declared forfeited from a state job pursuant to art. 127, first paragraph, letter d) of the Presidential Decree 10 January 1957, no. 3;
- 18) not to have a degree of kinship or affinity within the fourth degree included with a professor belonging to the proposing structure, with the Rector, with the Director General or with a member of the Board of Directors of the University of Rome "Tor Written".

6. Any change relating to residence and/or domicile, PEC address and e-mail address, as well as telephone number, elected by the candidates for the purposes of this procedure, must be communicated to Direzione V - Divisione 4 - Competition Office of "Tor Vergata" University of Rome.

7. The Administration declines all responsibility in the event of dispersion of the communications sent by it, where such dispersion is attributable to incorrect indication of the contact details by the candidate in the application form; failure or not timely communication of the change in the contact details initially indicated by the candidate in the application form; nor assumes any responsibility for any postal or telegraphic errors or for any illegibility of the files transmitted via certified e-mail, which are not attributable to the Administration itself or which are attributable to a third party, fortuitous event or force majeure.

8. Candidates are required to attach to the application:

- a) curriculum vitae, drawn up in Italian and possibly also in English, digitally signed or dated and signed with a handwritten signature at the bottom, initialed on each page, with the explicit indication that everything stated is true, pursuant to and for the purposes of articles 46 and 47 of the D.P.R. no. 445 of 2000. Please note that the curriculum vitae, attached to the application, has only cognitive value;
- b) qualifications, documents and publications deemed useful for the purposes of this procedure and related lists;
- c) copy (front and back) of the identity document;
- d) copy (front and back) of the tax code;
- e) (for candidates recognized as having a disability pursuant to law n.104 of 1992 and, in application of law n.170 of 2010, for candidates with specific learning disabilities regarding the necessary aid and/or

any need for additional time for carrying out the tests, pursuant to the aforementioned laws) certificate issued by the competent public health facility;

f) (only for non-European citizens) copy of the valid residence permit;

g) (only for candidates who have obtained their qualifications abroad) decree of equivalence or determination of equivalence or receipt of delivery of the related application requests.

9. Applications sent by certified e-mail or sent after the expiry of the peremptory term established by this article.

10. Failure to sign the application or lack of the essential elements thereof will result in exclusion from the procedure.

#### **Art. 5 Waiver of the procedure**

1. Candidates who, having proposed their application for admission to the procedure, intend to renounce participating in the procedure itself, are required to submit a specific note (in PDF format), containing the declaration of renunciation, accompanied by a photocopy of the identity document, using one of the following alternative modes:

a) sending by certified e-mail (PEC) to the address [protocollo@pec.torvergata.it](mailto:protocollo@pec.torvergata.it);

b) sending by e-mail to the address: [concorsi@uniroma2.it](mailto:concorsi@uniroma2.it).

2. This waiver is irrevocable.

#### **Art. 6 - Exclusion from the selective procedure**

1. Candidates are admitted to the procedure with reservations.

2. Exclusion from the procedure can be ordered at any time with a managerial measure notified to the excluded candidate.

#### **Art. 7 - Examining commission**

1. The commission examining the public selective procedure is appointed by decree of the Acting General Director. upon proposal of the Department Council to which the technologist will belong and is made public on the website of the University of Rome "Tor Vergata" at the address

[https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)

2. The examining commission is made up of three members, experts in the subjects covered by the selection procedure, chosen from among professors and researchers, including those from outside the University. The examining commission can be assisted by experts to ascertain linguistic and/or IT knowledge, whose opinion the commission will take into account when assigning points. A secretary, chosen from among the technical, administrative and librarian staff of the University, participates in the work of the commission, with functions of taking minutes.

3. The commission is required to conclude its work within three months of the date of the preliminary session.

4. If the works are not completed within the aforementioned term, the Acting General Manager may grant an extension, having assessed the reasons for the request by the chairman of the commission, or with a reasoned provision, start the procedures for the replacement of the components to which the causes of the delay are attributable, at the same time establishing a new and reasonable term for the conclusion of the jobs.

5. The commission carries out its work in the presence of all the members, passes its resolutions with an absolute majority of the members and makes use of telematic tools for collective work.

6. Before the exams are carried out, the commission prepares the outlines of the written exam and the questions to be asked of the candidates for the oral exam and establishes the criteria and methods for evaluating the exams themselves.

7. The criteria and methods for evaluating the exams and qualifications must be formalized in the relative minutes in order to justify the scores to be attributed to the qualifications and individual tests

### **Art. 8 - Exams**

1. The exams consist of a written test – also with theoretical-practical content – and an oral exam and are aimed at verifying the knowledge, skills and professional qualifications deemed necessary to ensure the correct performance of the required functions. For foreign candidates, the exams will also be aimed at ascertaining the knowledge of the Italian language
2. The examining commission has a total of 100 points available, of which 30 are reserved for the written test, 30 for the oral test and 40 for the evaluation of qualifications.
3. The written test will consist of multiple choice questions or open-ended questions or a paper and will focus on one or more of the topics referred to in article 1, paragraph 1, files from n. 1 to no. 10, item "Knowledge and skills required", paragraph 1 of this summoning decree. For the evaluation of the written test, the commission has 30 points. Candidates who have obtained a score of no less than 21/30 in the written test will be admitted to the oral test.
4. The oral test will focus on the subjects referred to in article 1, paragraph 1, files from n. 1 to no. 10, item "Knowledge and skills required", paragraphs 1 and 2 of this summoning decree. For the evaluation of the oral test, the commission has 30 points. The oral test is considered passed if the candidate receives a vote of not less than 21/30.
5. The examination of the candidates admitted to the oral exam will be carried out in alphabetical order.
6. The sessions of the examining commission during the oral exam are public and designed to ensure maximum participation.
7. At the end of the oral exam or of each session of the oral exam, the commission will draw up a list of candidates examined with an indication of the marks obtained by each one, which will be posted in the exam venue
8. The final score for each candidate consists of the sum of the mark obtained in the written test, the mark obtained in the assessment of qualifications, referred to in article 10 below, and the score obtained in the oral test.

### **Art. 9 - Diary of the exams**

1. The exam schedule (date, time and place of performance) will be announced with notices published starting from **31 May 2023** on the website of the University of Rome "Tor Vergata" at the address [https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello) in compliance with the relevant notice terms, where and as required by law
3. The list of candidates admitted to the oral exam will be communicated with a notice published on the website of the University of Rome "Tor Vergata" at the address [https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)
4. The notices indicated above have the value of notification for all legal purposes. Therefore, candidates are required to present themselves, without further calling or notice, at the venue, on the day and at the time indicated in the previous paragraph 1 and in the notices referred to in paragraphs 2 and 3 above.
5. To be admitted to the exams, candidates must have a valid identification document and a receipt certifying the actual forwarding of the application, to be shown in case of need.
6. Failure to present candidates for any of the exams will be considered as definitive manifestation of the will to renounce the procedure, whatever the cause.

## Art. 10 - Valuable qualifications

1. The examining commission has 40 points at its disposal for the evaluation of qualifications.
2. The categories of qualifications that can be assessed, as long as they pertain to the activities of the place offered, are the following:

### 1) educational and training qualifications

**Max 15 points:**

- a) academic qualifications such as post-graduate specialization diploma, research doctorate, university master's degree, university specialization course, if not required by the call as a requirement for access and used for this purpose by the candidate
- b) certificates of training activities with final evaluation issued following the attendance of professional training courses organized by public administrations or private bodies (max 5 points)

Max 10 points

Max 5 points

### 2) professional experience

**massimo 15 punti**

professional experience gained in the context of employment relationships at "Tor Vergata" University of Rome, public or private entities or in the performance of freelance activities / collaborations / entrepreneurial activities carried out on their own, pertaining to the position sought.  
The period exceeding that required as an access requirement and used for this purpose by the candidate is the subject of evaluation

### 3) technical or specialist qualifications

**max 10 points**

- a) scientific publications: articles published in scientific journals, communications published in conference proceedings, books or contributions to books, patents max 8 points
- b) participation, as speaker, in conferences, courses and seminars max 2 points

3. Qualifications that are already considered as a requirement for admission to this procedure pursuant to article 3 above will not be assessed.
4. The evaluation of the qualifications, after identification of the criteria, is carried out after the written test and before proceeding with the correction of the papers. The result of the evaluation of qualifications is published on the institutional website of the University of Rome "Tor Vergata", at the address:  
[https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)
5. The qualifications must be held on the date of presentation of the application for admission to the procedure.
6. For the related assessment, candidates are required to draw up a specific list of documents and qualifications, deemed useful for the purposes of the procedure, using Annex B) to this decree calling for the procedure. In the aforementioned list, candidates are required to specify in an analytical and precise manner every element useful for the purpose of evaluating qualifications and documents as well as for carrying out the necessary checks on the truthfulness of the self-certified data (for example: duration of the employment relationship – dd/mm/yy of start and end of employment, employer, training institution, duration in days of the training course, possible evaluation or final test of the training course, etc.).
7. The documents and titles, present in the list drawn up pursuant to the previous paragraph 6, of which the presentation of a copy is deemed appropriate, must be accompanied by a self-certification declaration drawn up pursuant to article 19 of the Presidential Decree 28 December 2000, no. 445.
8. As for publications, only publications or texts accepted for publication will be evaluated, together with the publisher's confirmation letter, according to current regulations, as well as essays included in collective works

and articles published in journals in paper or digital format with the exclusion of internal notes or departmental reports if they do not have an international ISSN or ISBN.

7. For publications published abroad, the following details must be provided: the date, place of publication or, alternatively, the ISBN code or other equivalent.

8. For publications published in Italy, before 2 September 2006, the obligations must be fulfilled according to the forms provided for by art. 1 of the Lieutenant Decree of 31 August 1945, n. 660; starting from 2 September 2006, the obligations must be fulfilled according to the forms established by the law of 15 April 2004, n. 106 and the relative regulation issued with D.P.R. 3 May 2006, no. 252.

9. Publications, documents and titles must be produced in the original language, accompanied by a translation into Italian or English, certified as conforming to the foreign text, drawn up by the competent diplomatic or consular representation or by an official translator, or drawn up by the person presenting the candidacy and declared conforming to the original text by substitutive declaration of the deed of notoriety pursuant to art. 47 of the Presidential Decree 445/2000.

10. The Administration reserves the right to carry out appropriate checks on the truthfulness of the self-declarations. Should the untruthfulness of the declaration content emerge from the check, the declarant will forfeit the benefits achieved on the basis of the untruthful declaration, without prejudice to the provisions of art. 76 of the Presidential Decree 28 December 2000, no. 445 and subsequent amendments. on criminal penalties.

11. The documents and qualifications declared by the candidates, if requested for investigative purposes at any stage of the procedure, must be presented within the mandatory deadline set by the Administration.

#### **Art. 11 - Preferences with equal merit**

1. The categories of citizens who are entitled to a preference for equal merit pursuant to art. 5, paragraph 4, of the Presidential Decree n. 487 of 1994 and subsequent amendments are the following:

- a) those awarded with the medal for military valor;
- b) the mutilated and disabled ex-combatants of war;
- c) the mutilated and disabled as a result of war;
- d) the mutilated and disabled for service in the public and private sector;
- e) war orphans;
- f) orphans of those who have died as a result of war;
- g) orphans of those killed for service in the public and private sectors;
- h) those injured in combat;
- i) those awarded a war cross or other special certificate of war merit, as well as heads of large families;
- j) the children of the disabled and ex-combatants of war invalids;
- k) the children of the mutilated and disabled as a result of war;
- l) the children of the maimed and disabled for service in the public and private sector;
- m) widowed parents who have not remarried, the spouses who have not remarried and the widowed or unmarried sisters and brothers of those killed in war;
- n) widowed parents who have not remarried, the spouses who have not remarried and the widowed or unmarried sisters and brothers of those who died as a result of war;
- o) widowed parents who have not remarried, spouses who have not remarried and the widowed or unmarried sisters and brothers of those who died for service in the public and private sectors;
- p) those who have served in military service as combatants;
- q) those who have rendered commendable service in any capacity, for no less than one year in the administration that launched the competition;

- r) married and unmarried persons with regard to the number of dependent children;
  - s) the disabled and the mutilated civilians;
  - t) volunteer soldiers of the Armed Forces discharged without demerit at the end of the detention or re-enactment.
2. In case of equal merit, preference is determined:
- 1) the number of dependent children, regardless of whether the candidate is married or not;
  - 2) from having given commendable service in public administrations;
  - 3) from the minor age.
3. Preference qualifications of equal merit must be held on the expiry date of the deadline for submitting the application for admission to the procedure and are taken into consideration only if they are declared by the candidate in the application for participation in the procedure with the specification of the membership category.

#### **Art. 12 - Formation and approval of the merit ranking**

- 1. The merit ranking is formed in descending order of the overall score obtained by each candidate, with the observance, with equal scores, of the qualifications of preference with equal merit declared in the application for admission and specified in the previous art. 11.
- 2. The candidate usefully placed in the ranking is declared the winner within the limits of the place available, under the suspensive condition of the verification of the requirements for admission to employment.
- 3. Subject to verification of the formal regularity of the documents, the merit ranking, together with the winner's declaration, is approved by the Director General with his own decree.
- 4. The decree, effective immediately, is published within 30 days from the date of the oral exam on the website of the University of Rome "Tor Vergata" at the address:  
[https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)
- 5. The term for any appeals starts from the date of publication of the directorial decree approving the deeds.

#### **Art. 13 - Establishment of the employment relationship**

- 1. The recruitment of the winner or, in the case of multiple places being selected, the recruitment of the winners takes place subject to the absence of regulatory and financial constraints, including the actual making available by the competent bodies ( Ministry, National Centres, Hubs, Spoke leaders, etc.) in favor of the University of Rome "Tor Vergata" of the funding provided in relation to the initiatives of the National Recovery and Resilience Plan" - Roma Technopole research program, funded by the European Union – NextGenerationEU.
- 2. The winner enters into a 24-month fixed-term employment contract with the University of Rome "Tor Vergata" as a first-level technologist, according to the specifications set out in article 1, paragraph 1, cards from no. 1 to no. 10, regulated by the provisions in force on the matter.
- 3. The winner must take up service within the term indicated in the convocation; failure to take up service, without justified reason, within the established term will result in the forfeiture of the right to stipulate the contract. If the winner takes up service, for a justified reason, late with respect to the deadline set for him, the legal and economic effects start from the day he actually takes up service.
- 4. The fixed-term employment contract established with the technologist is signed by the General Manager.
- 5. The employment relationship is governed by the individual contract and by the provisions in force regarding subordinate work, also as regards the tax, welfare and social security treatment envisaged for income from employment
- 6. The winner, hired on a fixed-term basis, is entitled to the economic treatment parameterized to that envisaged for the category identified in the previous article 1, paragraph 1, files from n. 1 to no. 10, item "reference

category", as per the resolution of the Board of Directors, passed in the meeting of 28 March 2023 and mentioned in the introduction.

7. The technologist is subjected to a probationary period lasting one month, which cannot be renewed or extended upon expiry. Once half of the probationary period has elapsed, in the remaining period each of the Parties may withdraw from the relationship at any time without prior notice or indemnity in lieu of notice. The withdrawal of the Administration must be motivated.

8. Once the probationary period has elapsed without the employment relationship being terminated by one of the Parties, the technologist is considered confirmed in service, for the duration of the contract, with recognition of the relative seniority from the day of the probationary hiring.

9. The termination of the employment relationship is determined by the expiry of the term or, once the trial period has elapsed, by the withdrawal of one of the Parties if there is a cause which, pursuant to art. 2119 of the Civil Code, does not allow the continuation, even temporary, of the relationship.

10. In the event of withdrawal, the salary is paid up to the last day of effective service, including the accruals of the thirteenth month's salary and the salary corresponding to the accrued and unused vacation days.

11. The annulment of the selective procedure which constitutes its precondition constitutes a condition for termination of the contract, without prior notice.

12. The contract referred to in this article does not give rise to rights regarding access to the roles of academic staff or technical-administrative staff of the University, nor can it be transformed into an open-ended contract.

#### **Art. 14 - Treatment of personal data - Information**

1. Pursuant to current legislation, the processing of personal data provided in the application for participation, possibly communicated with supplementary documents of the aforementioned application or otherwise acquired by the University of Rome "Tor Vergata" (e.g. request for verification of the judicial; requests for confirmation of qualifications to schools, universities, etc.), is aimed at the completion and management of the procedure and any recruitment procedure, as well as, where provided for by the notice, for the management of the rankings. The data processing is carried out by authorized personnel and is carried out with the use of procedures, including computerized ones, in the ways and within the limits necessary for the pursuit of the aforementioned purposes.

2. The data controller is the University of Rome "Tor Vergata" in the person of its legal representative the pro tempore Rector, with registered office in Rome (00133), Via Cracovia, 50 (PEC [direzione.generale@pec.uniroma2.it](mailto:direzione.generale@pec.uniroma2.it))

3. The information, provided in accordance with current legislation, is available on the institutional website at the page:

[https://web.uniroma2.it/it/contenuto/trattamento\\_dei\\_dati\\_personali](https://web.uniroma2.it/it/contenuto/trattamento_dei_dati_personali)

#### **Art. 15 - Organizational unit responsible and in charge of the procedure**

1. The organizational unit responsible for the procedure, pursuant to articles 4 and 5 of the law of 7 August 1990, n. 241 and subsequent amendments, is Directorate V - Division 4 - Competitions Office (e-mail: [concorsi@uniroma2.it](mailto:concorsi@uniroma2.it)).

2. The person in charge of the procedure is Dr. Annalisa De Cesare – head of the Competitions Office (email: [concorsi@uniroma2.it](mailto:concorsi@uniroma2.it)).

#### **Art. 16 - Final provisions**

1. For anything not expressly provided for in this notice and, to the extent compatible, the university regulations in force and those concerning bankruptcy procedures and access to jobs in the public administration apply.

2. This decree is acquired in the official collection of the University and is published on the website of the University of Rome "Tor Vergata" at the address

[https://web.uniroma2.it/it/percorso/ufficio\\_concorsi/sezione/tecnologi\\_di\\_primo\\_livello](https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_primo_livello)

3. This decree is also publicized in extract form, in Italian and English, on the following websites:  
<http://bandi.miur.it> and <http://ec.europa.eu/euraxess>

**ACTING GENERAL MANAGER**  
(Dott.ssa Silvia Quattrocioche)