

ANNEX 1 TO THE CALL FOR APPLICATIONS – ASSOCIATE PROFESSORS ARTICLE 18, PARAGRAPH 4

INDEX OF PROCEDURES:

DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1542/R22

COMPETITION SECTOR: 06/D2 - ENDOCRINOLOGY, NEPHROLOGY, FOOD SCIENCES AND

WELL-BEING

SUBJECT GROUP: MED/14 - NEPHROLOGY

Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

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DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1541/R22

COMPETITION SECTOR: 06/E2 - PLASTIC AND RECONSTRUCTIVE SURGERY, PAEDIATRIC

SURGERY AND UROLOGY

SUBJECT GROUP: MED/24 - UROLOGY

Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

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DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1538/R22

COMPETITION SECTOR: 06/M2 - LEGAL MEDICINE AND OCCUPATIONAL MEDICINE

SUBJECT GROUP: MED/43 - LEGAL MEDICINE
Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

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FICLIT - DEPARTMENT OF CLASSICAL PHILOLOGY AND ITALIAN STUDIES

REF. A18C4II2022/1543/R22

COMPETITION SECTOR: 01/B1 - COMPUTER SCIENCE SUBJECT GROUP: INF/01 - COMPUTER SCIENCE Posts: 1 Place of employment: Bologna

Teaching test provided. Seminar not provided.

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LILEC - DEPARTMENT OF MODERN LANGUAGES, LITERATURES AND CULTURES

REF. A18C4II2022/1544/R22

COMPETITION SECTOR: 10/N3 - CULTURES OF CENTRAL AND EASTERN ASIA

SUBJECT GROUP: L-OR/21 - LANGUAGES AND LITERATURES OF CHINA AND SOUTH-

EAST ASIA

Posts: 1 Place of employment: Bologna

Teaching test not provided.

Seminar provided.

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LILEC - DEPARTMENT OF MODERN LANGUAGES, LITERATURES AND CULTURES

REF. A18C4II2022/1545/R22

COMPETITION SECTOR: 11/A1 - MEDIEVAL HISTORY
SUBJECT GROUP: M-STO/01 - MEDIEVAL HISTORY
Posts: 1 Place of employment: Bologna

Teaching test not provided.

Seminar provided.

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MAT - DEPARTMENT OF MATHEMATICS

REF. A18C4II2022/1546/R22

COMPETITION SECTOR: 01/A4 - MATHEMATICAL PHYSICS
SUBJECT GROUP: MAT/07 - MATHEMATICAL PHYSICS
Posts: 1 Place of employment: Bologna

Teaching test not provided.

Seminar provided.

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DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1542/R22

COMPETITION SECTOR: 06/D2 - ENDOCRINOLOGY, NEPHROLOGY, FOOD SCIENCES AND

WELL-BEING

SUBJECT GROUP: MED/14 - NEPHROLOGY

Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

Specific functions (type of	Teaching activity: Teaching activities in the field of general
teaching and scientific activity	nephrology and of pathophysiology and clinical medicine of
that the successful candidate	urinary tract diseases; areas of competence include functional
will be required to carry out)	and instrumental symptomatology, clinical methodology and
, ,	pharmacological treatment in nephrology and kidney
	transplantation.
	Scientific activity: Research in the field of general nephrology
	and of pathophysiology and clinical medicine of urinary tract
	diseases; areas of competence include functional and
	instrumental symptomatology and pharmacological treatment
	innovation in nephrology and kidney transplantation.
Language skills in addition to	English
Italian, if any	10
Number of publications to be assessed	12
Clinical care activities	Clinical care activities
Facility where clinical care	IRCCS Azienda Ospedaliera Universitaria - Policlinico
activities will be performed	Sant'Orsola of Bologna.
donvides will be performed	Unless otherwise agreed with the Directorate General, the
	successful candidate will be part of the: Nephrology Dialysis and
	Transplantation O.U.
Qualification required under the	Degree in Medicine and Surgery
applicable agreement	 Specialisation degree in Nephrology and equivalent or
	similar qualifications
	 Registration with the Board of Physicians, Surgeons and
	Orthodontists
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience,
	consideration will be given to its volume and continuity, with
	particular reference to teaching activities carried out in the last 5
Cumplementent teaching and	years.
Supplementary teaching and	For the purposes of assessing supplementary teaching and
student support activities	student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree
	dissertations and PhD theses, the conduct of seminars, practical
	work and tutoring of students.
	Research and scientific publications
	Noscaron and scientific publications



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Research Overall scientific production	For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals; b) receipt of national and international awards and recognitions for research activities. Consideration will be given to the overall weight of the
everall edicinalle predaction	candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study
Scientific publications submitted for assessment	The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which will be determined by giving consideration to the following as leading positions in the list of authors: first or co-first, last or co-last, corresponding or co-corresponding author. The Committee will also make use of one or more of the following bibliometric indicators, referring to the start date of the assessment: 1) total number of citations; 2) average number of citations per publication; 3) total impact factor; 4) average impact factor per publication; 5) combination of the preceding parameters in order to assess the impact of the candidate's scientific productivity (Hirsch or similar index).
	Service, institutional, organisational and third mission activities
Service, institutional, organisational and third mission activities	For the purposes of assessing service, institutional, organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions performed.
Clinical care activities in the medical sector	Clinical care activities in the medical sector The compatibility of the overall clinical care activities carried out by the candidate with the subject group to which the selection refers will be taken into consideration. The duration, continuity,



specificity and level of responsibility in the clinical care activities
carried out will be considered.

DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1541/R22

COMPETITION SECTOR: 06/E2 - PLASTIC AND RECONSTRUCTIVE SURGERY, PAEDIATRIC

SURGERY AND UROLOGY

SUBJECT GROUP: MED/24 - UROLOGY

Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

Specific functions (type of teaching and scientific activity that the successful candidate will be required to carry out)	Teaching activity: The successful candidate will be required to: 1) Teach urology course units in the Medicine and Surgery and in Health Professions degree programmes, at Medical Specialisation Schools and in first-level and second-level Professional Master's Programmes of the School of Medicine. 2) Tutor PhD students of the School of Medicine. Scientific activity: The successful candidate will develop and enhance research in areas relevant to the subject group (MED/24), in accordance with the requirements of the ministerial declaration and the specific activities carried out by the Department, encouraging integration of the groups of the University of Bologna and the IRCCS University Hospital of Bologna - Policlinico Sant'Orsola, including through collaborative projects both within the Department and with other Departments, and within the University and with other universities.
Language skills in addition to Italian, if any	English
Number of publications to be assessed	12
Clinical care activities	Clinical care activities
Facility where clinical care activities will be performed	IRCCS Azienda Ospedaliero-Universitaria of Bologna. Unless otherwise agreed with the Directorate General, the successful candidate will be part of the Urology O.U.
Qualification required under the applicable agreement	 Degree in Medicine and Surgery; Specialisation degree in Urology and equivalent or similar qualifications; Registration with the Board of Physicians, Surgeons and Orthodontists.
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience, consideration will be given to its volume and continuity, with particular reference to teaching activities carried out in the last 5 years.



Supplementary teaching and student support activities Research	For the purposes of assessing supplementary teaching and student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree dissertations and PhD theses, the conduct of seminars, practical work and tutoring of students. Research and scientific publications For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals;
	 b) receipt of national and international awards and recognitions for research; c) participation as a speaker at congresses and conferences of international interest.
Overall scientific production	Consideration will be given to the overall weight of the candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study purposes.
Scientific publications submitted for assessment	The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which will be determined as follows: first, second, last name and corresponding author will score 100%. The Committee will also make use of one or more of the following bibliometric indicators, referring to the start date of the assessment: 1) total number of citations; 2) average number of citations per publication; 3) total impact factor; 4) average impact factor per publication; 5) combination of the preceding parameters in order to assess the impact of the candidate's scientific productivity (Hirsch or similar index). Service, institutional, organisational and third mission
Service, institutional,	activities For the purposes of assessing service, institutional,
organisational and third mission activities	organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to



	the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions performed.
	Clinical care activities in the medical sector
Clinical care activities in the medical sector	The compatibility of the overall clinical care activities carried out by the candidate with the subject group to which the selection refers will be taken into consideration. The duration, continuity, specificity and level of responsibility in the clinical care activities carried out will be considered.



DIMEC - DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES

REF. A18C4II2022/1538/R22

COMPETITION SECTOR: 06/M2 - LEGAL MEDICINE AND OCCUPATIONAL MEDICINE

SUBJECT GROUP: MED/43 - LEGAL MEDICINE
Posts: 1 Place of employment: Bologna

Teaching test not provided. Seminar not provided.

Specific functions (type of teaching and scientific activity that the successful candidate will be required to carry out)	The successful candidate's specific functions will be defined in agreement with the declaration for the MED/43 subject group. Teaching activity: Legal medicine with special regard to forensic toxicology, its theoretical aspects and practical applications. Teaching will focus in particular on the legislation on narcotic drugs, the use and interpretation of substance use/abuse markers, the phenomenology of abuse and addiction in its social implications, analytical chemistry, analysis and interpretation of results. Scientific activity: International publications in scholarly journals according to Web of Science in the areas of analytical chemistry, forensic toxicology and proteomics. In particular, the successful candidate will be required to carry out scientific activity as follows: validation of analytical-toxicological methods using capillary electrophoresis/chromatography techniques coupled with mass spectrometry on living and non-living samples, including traditional (blood and urine) and alternative (saliva and hair) matrices. Studies on alcohol and drug use/abuse in peculiar populations (e.g. individuals tested for fitness to drive, convicts). Medicine-taking and tampering with medicine for abuse purposes. Development, analytical validation and population studies in the area of drug facilitated sexual assault (DFSA). Thanatochemistry studies. Validation and study of exposure to environmental toxins, with reference in particular to perfluoroalkyl substances (PFASs). Doping and adulteration of dietary supplements in athletes undergoing competitive sports tests.
Language skills in addition to Italian, if any	English
Number of publications to be assessed	12
Clinical care activities	Not provided (the successful candidate will exclusively carry out research on forensic toxicology).
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience, consideration will be given to its volume and continuity, with particular reference to teaching activities carried out in the last 5 years.



Supplementary teaching and student support activities Research	For the purposes of assessing supplementary teaching and student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree dissertations and PhD theses, the conduct of seminars, practical work and tutoring of students. Research and scientific publications For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals; b) receipt of national and international awards and recognitions for research;
	 c) participation as a speaker at congresses and conferences of international interest.
Overall scientific production	Consideration will be given to the overall weight of the candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study purposes.
Scientific publications submitted for assessment	The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which will be determined by giving greater consideration to the first, second or last name or to the corresponding author in the list of authors. The Committee will also make use of one or more of the following bibliometric indicators, referring to the start date of the assessment: 1) total number of citations; 2) average number of citations per publication; 3) total impact factor; 4) average impact factor per publication; 5) combination of the preceding parameters in order to assess the impact of the candidate's scientific productivity (Hirsch or similar index). Service, institutional, organisational and third mission
Service, institutional,	activities For the purposes of assessing service, institutional,
organisational and third mission activities	organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to



	the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions
	performed.



FICLIT - DEPARTMENT OF CLASSICAL PHILOLOGY AND ITALIAN STUDIES

REF. A18C4II2022/1543/R22

COMPETITION SECTOR: 01/B1 - COMPUTER SCIENCE SUBJECT GROUP: INF/01 - COMPUTER SCIENCE Posts: 1 Place of employment: Bologna

Teaching test provided. Seminar not provided.

Specific functions (type of	Teaching activity: Teaching activities will be mostly carried out
teaching and scientific activity	in the Digital Humanities and Digital Knowledge (DHDK)
that the successful candidate	international second-cycle degree programme, within the areas
will be required to carry out)	of semantic digital libraries and machine learning for humanities,
, , ,	and in the Cultural Heritage in the Digital Ecosystem (CHeDE)
	PhD programme, having regard in particular to knowledge
	extraction from GLAM and open science.
	Scientific activity: Research will integrate into the activities of
	the Digital Humanities Advanced Research Centre (DH.ARC)
	for the handling of projects on knowledge management,
	semantic web publishing and data-driven systems, in line with
	the Department's initiatives in the area of digital humanities.
	The successful candidate will be required to demonstrate
	command of the methods and tools of IT, understood as the
	conceptual and technological basis for applications in the fields
	of humanities and cultural heritage, for the purpose of arranging,
	managing and accessing information and knowledge.
Language skills in addition to	English
Italian, if any	
Number of publications to be	12
assessed	
	Teaching test
Format of the test	The teaching test will be carried out in Italian or English
	depending on the candidate's preference.
	The teaching test will be carried out online.
	For further information, see the Call for Applications article about
	the Teaching test.
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience,
	consideration will be given to its volume and continuity, with
	particular reference to teaching activities carried out in the last 5
	years.
Supplementary teaching and	For the purposes of assessing supplementary teaching and
student support activities	student support activities, consideration will be given to activities
student support activities	student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree
student support activities	
student support activities	such as supervision of first-cycle and second-cycle degree



Research Overall scientific production	For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals; b) receipt of national and international awards and recognitions for research; c) participation as a speaker at congresses and conferences of international interest. Consideration will be given to the overall weight of the
	candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study purposes.
Scientific publications submitted for assessment	The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which will be determined as relevant, adequately relevant, reasonably relevant, scarcely relevant, based on the indication of the candidate's name as first or last author or in alphabetical order and the number of co-authors in using indicators. The Committee will also make use of one or more of the following bibliometric indicators, referring to the start date of the assessment: 1) total number of citations; 2) average number of citations per publication; 3) total impact factor; 4) average impact factor per publication; 5) combination of the preceding parameters in order to assess the impact of the candidate's scientific productivity (Hirsch or similar index). Service, institutional, organisational and third mission
Service, institutional, organisational and third mission activities	activities For the purposes of assessing service, institutional, organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to
	the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions performed.



LILEC - DEPARTMENT OF MODERN LANGUAGES, LITERATURES AND CULTURES

REF. A18C4II2022/1544/R22

COMPETITION SECTOR: 10/N3 - CULTURES OF CENTRAL AND EASTERN ASIA

SUBJECT GROUP: L-OR/21 - LANGUAGES AND LITERATURES OF CHINA AND SOUTH-EAST

ASIA

Posts: 1 Place of employment: Bologna

Teaching test not provided.

Seminar provided.

Specific functions (type of teaching and scientific activity that the successful candidate will be required to carry out)	Teaching activity : The professor will be required to teach course units in the disciplines included in the L-OR/21 (and in particular Languages and Literatures of China) subject group in first-cycle and second-cycle degree programmes and PhD programmes offered by the Department of Modern Languages, Literatures and Cultures, in accordance with the national regulations for associate professors and as needed to cover the programme catalogue. The professor will be required to teach in Italian and in Chinese, with a teaching commitment equivalent to 120 hours per year. Scientific activity : The scientific activity will entail research such to give an original and innovative contribution to the national and international development of research themes in the area of languages and literatures of China and South-East Asia (according to the declaration for the subject group), applying the skills, methods and tools of the discipline in support of the lines of research and teaching of the Department.
Language skills in addition to Italian, if any	Chinese
Number of publications to be assessed	12
	Seminar at the Department
Format of the seminar at the	The seminar will be held in Italian.
Department	The seminar will be held in person.
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience, consideration will be given to its volume and continuity, with particular reference to teaching activities carried out in the last 5 years.
Supplementary teaching and	For the purposes of assessing supplementary teaching and
student support activities	student support activities, consideration will be given to activities
	such as supervision of first-cycle and second-cycle degree
	dissertations and PhD theses, the conduct of seminars, practical
	dissertations and PhD theses, the conduct of seminars, practical work and tutoring of students.
Research	dissertations and PhD theses, the conduct of seminars, practical



	 a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals; b) receipt of national and international awards and recognitions for research; c) participation as a speaker at congresses and conferences of international interest.
Overall scientific production	Consideration will be given to the overall weight of the candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study purposes.
Scientific publications submitted for assessment	The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which must be clearly inferable from and explicitly stated in the publication in question. The Committee will not use bibliometric indicators. Service, institutional, organisational and third mission activities
Service, institutional, organisational and third mission activities	For the purposes of assessing service, institutional, organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions performed.



LILEC - DEPARTMENT OF MODERN LANGUAGES, LITERATURES AND CULTURES

REF. A18C4II2022/1545/R22

COMPETITION SECTOR: 11/A1 - MEDIEVAL HISTORY SUBJECT GROUP: M-STO/01 - MEDIEVAL HISTORY Posts: 1 Place of employment: Bologna

Teaching test not provided.

Seminar provided.

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Specific functions (type of teaching and scientific activity that the successful candidate will be required to carry out)	Teaching activity : The professor will be required to teach course units in the disciplines included in the M-STO/01 subject group in first-cycle and second-cycle degree programmes and PhD programmes offered by the Department of Modern Languages, Literatures and Cultures, in accordance with the national regulations for associate professors and as needed to cover the programme catalogue. The professor will be required to teach in Italian, with a teaching commitment equivalent to 120 hours per year. Scientific activity : The scientific activity will entail research in the area of Medieval History (according to the declaration for the M-STO/01 subject group), applying the skills, methods and tools of the discipline in support of the lines of research and teaching of the Department.
Language skills in addition to Italian, if any	English
Number of publications to be	12
assessed	
	Seminar at the Department
Format of the seminar at the	The seminar will be held in Italian.
Department	The seminar will be held in person.
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience, consideration will be given to its volume and continuity, with particular reference to teaching activities carried out in the last 5 years.
Supplementary teaching and student support activities	For the purposes of assessing supplementary teaching and student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree dissertations and PhD theses, the conduct of seminars, practical work and tutoring of students.
	Research and scientific publications
Research	For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals;



	b) receipt of national and international awards and
	recognitions for research;
	c) participation as a speaker at congresses and
	conferences of international interest.
Overall scientific production	Consideration will be given to the overall weight of the
	candidate's scientific production and its intensity and continuity
	over time, excluding any adequately documented periods when
	work was suspended and other mandatory or long-term leaves
	established by current laws, other than those allowed for study
	purposes.
Scientific publications submitted	The scientific publications submitted for detailed assessment
for assessment	will be assessed with reference to the following criteria:
	a) originality, innovative nature, methodological rigour and
	importance of each publication;
	b) consistency of each publication;
	c) scientific importance of the journal in which each
	publication appears and its readership within the
	scientific community;
	d) analytical assessment, also by applying criteria
	recognised by the relevant international scientific
	community, of the individual contribution of the candidate
	to collaborative works, which must be clearly inferable
	from and explicitly stated in the publication in question.
	The Committee will not use bibliometric indicators.
	Service, institutional, organisational and third mission
	activities
Service, institutional,	For the purposes of assessing service, institutional,
organisational and third mission	organisational and third mission activities at Universities and
activities	private and public research institutions, to the extent relevant to
	the role, consideration will be given to their volume, duration and
	continuity, as well as to the level of responsibility of the functions
	performed.



MAT - DEPARTMENT OF MATHEMATICS

REF. A18C4II2022/1546/R22

COMPETITION SECTOR: 01/A4 - MATHEMATICAL PHYSICS SUBJECT GROUP: MAT/07 - MATHEMATICAL PHYSICS Posts: 1 Place of employment: Bologna

Teaching test not provided

Seminar provided

Specific functions (type of teaching and scientific activity that the successful candidate will be required to carry out)	Teaching activity: Teaching activities will be carried out in course units relevant to the content of the MAT/07 Mathematical Physics subject group in first-cycle and second-cycle degree programmes and in PhD programmes. Scientific activity: Research will cover current and relevant themes to the MAT/07 Mathematical Physics subject group, and in particular the study of mathematical methods and properties relevant to classical, quantum and statistical mechanics, including computational, applicative and interdisciplinary aspects.
Language skills in addition to Italian, if any	English
Number of publications to be assessed	12
	Seminar at the Department
Format of the seminar at the	The seminar will be held in Italian or English depending on the
Department	candidate's preference.
	The seminar will be held in person.
Assessment standards	
	Teaching activities
Lecturing	For the purposes of assessing prior teaching experience, consideration will be given to its volume and continuity, with particular reference to teaching activities carried out in the last 5 years.
Supplementary teaching and student support activities	For the purposes of assessing supplementary teaching and student support activities, consideration will be given to activities such as supervision of first-cycle and second-cycle degree dissertations and PhD theses, the conduct of seminars, practical work and tutoring of students.
Decemb	Research and scientific publications
Research	For the purposes of assessing research activities, qualitative standards will focus on the following aspects: a) organisation, management and coordination of national and international research centres or groups, or participation therein, and other research activities such as direction of, or participation in, editorial boards of journals; b) receipt of national and international awards and recognitions for research;



c) participation as a speaker at congresses and
conferences of international interest.
Consideration will be given to the overall weight of the candidate's scientific production and its intensity and continuity over time, excluding any adequately documented periods when work was suspended and other mandatory or long-term leaves established by current laws, other than those allowed for study purposes. The scientific publications submitted for detailed assessment will be assessed with reference to the following criteria: a) originality, innovative nature, methodological rigour and importance of each publication; b) consistency of each publication; c) scientific importance of the journal in which each publication appears and its readership within the scientific community; d) analytical assessment, also by applying criteria recognised by the relevant international scientific community, of the individual contribution of the candidate to collaborative works, which will be determined as follows: the contribution of all co-authors will be considered equal, unless their individual
contribution is specifically indicated in the publication or in a statement signed by its authors and attached to the documents.
The Committee will not use bibliometric indicators.
Service, institutional, organisational and third mission
activities
For the purposes of assessing service, institutional, organisational and third mission activities at Universities and private and public research institutions, to the extent relevant to the role, consideration will be given to their volume, duration and continuity, as well as to the level of responsibility of the functions performed.