*Annex 1 to the*

*Regulation on Competition*

*for tenured professorship position*

***Requirements for the Applicant’s Special Qualifications***

**RESEARCH**

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\* (completed by the Selection Commission) |
| Author’s Hirsch Index of scientific publications (without self-citation) by SCOPUS or Web of Science database | 8 | Number (database) | Evaluation: |
| Publications indexed in SCOPUS and Web of Science databases over recent 6 years | 3 | Number, list of publications in the attachment | Evaluation: |
| Involvement in research and development projects over recent 6 years | 3 | Project title, time, role | Evaluation: |
| Development of scientific qualifications in foreign institutions of higher education and research | - | Institution, time, aim | Evaluation: |
| Research plan for the next 6 years | Includes the specifics of the field[[1]](#footnote-1) | Provide the title of the annex | Evaluation: |

**PEDAGOGICAL WORK**

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\* (completed by the Selection Commission) |
| Supervision of doctoral students over recent 6 years | - | Doctoral student’s name, last name, theme of the thesis, institution, date of defense | Evaluation: |
| Number of the supervised and defended doctoral thesis over recent 6 years | - | Doctoral student’s name, last name, theme of the thesis, institution, date of defense | Evaluation: |
| Experience as a faculty member, incl. course design and implementation | - | Description | Evaluation: |

**ORGANIZATIONAL WORK** *(over recent 6 years)*

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\* (completed by the Selection Commission) |
| Management of research and development projects | 1 | Title, sponsor, amount of funding, period of the project | Evaluation: |
| Raising of funding through international and national project competitions and research contracts | At least 500’000 EUR in the last 6 years | Total amount, description | Evaluation: |
| Experience/employment in a quantum technology company | At least 3 years | Description | Evaluation: |
| Participation in collegial authorities | - | Description | Evaluation: |
| Participation in organizing international conferences | - | Description | Evaluation: |
| Participation in the administration of a university faculty, department, institute, laboratory and/or any other administrative work | - | Description | Evaluation: |

\* Applicant performance rating scale: 3 – outstanding, 2 – very good, 1 – good, 0 – minimum requirement not met. If, in any of the positions with minimum requirements, the applicant's performance has scored 0 points, the applicant's qualification shall be deemed to be inadequate.

*Annex 2 to*

*The Regulation on*

*Competition for*

*tenured professorship position*

**Terms of reference for the tenured professorship position of the University of Latvia**

1. The title of the field and subfield of the academic position: physics and astronomy.
2. Area of research: industrial quantum technologies.
3. Research, pedagogical and organizational work over the reporting period (6 years):

|  |  |
| --- | --- |
| **Terms of reference** | **Indicators to be achieved over a 6-year period** |
| **3.1. Research** | *Quantitative indicators* |
| *Terms of reference in the area provided in paragraph 1 above* |  |
| Peer-reviewed scientific publications in Q1 and Q2 quartile journals indexed in SCOPUS or Web of Science Core Collection databases by indicating the UL affiliation | At least 9 publications |
| Creation of a research group | 1 group |
| **3.2. Pedagogical work** | *Quantitative indicators* |
| *Terms of reference in pedagogical work* |  |
| Supervision of doctoral theses, number of defended doctoral theses | At least 2 doctoral theses supervised, incl. at least 1 defended |
| Delivering of study courses | If necessary, but not more than 4 academic hours per week |
| Involvement in the design of degree programs | As necessary |
| **3.3. Organizational work** | *Quantitative indicators* |
| *Terms of reference in organizational work* |  |
| Raising of funding | At least 600’000 EUR (incl. at least 250’000 EUR over a 3-year period) in joint projects or contractual work with quantum technology companies |
| Management of research and development projects | At least 2 projects |
| Promoting collaboration with quantum technology companies | At least 3 collaborative agreements |

UL Rector   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ \_\_\_\_\_\_\_\_\_\_/

I am aware of the evaluation of the performance of these terms of a reference every other year during the reporting period.

        Date:                                           \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ \_\_\_\_\_\_\_\_\_

1. A description shall be included on the formation of the research group and the justification how research into the mathematical foundations of data science and artificial intelligence will be linked and will help to develop other UL areas of research thus promoting UL competitiveness. [↑](#footnote-ref-1)