**Assistant/Associate Professor Quantum Computer Science**

**[Specifications]**

Faculty/Department Faculty of Electrical Engineering, Mathematics & Computer Science (EEMCS)/Computer Science

Job type Assistant/Associate Professor - Academic Career Track

Scientific field Quantum Computer Science

Hours per week XX

Salary - € X,XXX - X,XXX gross a month

Desired level of education: Doctorate  
Vacancy number [generated automatically]

**Challenge**: Contributing to a compelling vision of integrating quantum technology in computer science.  
**Change**: Endowing society with the full potential of quantum technologies.

**Impact**: A better, safer and more efficient society.

**[Job description]**

Our EEMCS faculty offers you a challenging tenure track faculty in Quantum Computer Science (QCS), with special focus on applied science. You will join a team of exceptional quantum researchers, with leading physicists and engineers focused on quantum hardware and architecture development. Thus, we offer ample research opportunities. Together we will support the delivery of world class computer science education at substantial scale, and world-leading research in the major Computer Science disciplines.

TU Delft is home to QuTech — a leading institution for making advancements in quantum computing, qubit research, as well spearheading efforts in the development of a quantum internet. Our research programmes comprise a balanced mix of curiosity-driven foundational research and use-inspired research. QuTech’s Quantum Internet Division is also the coordinator of the Quantum Internet Alliance (QIA), with the objective of further developing all necessary components of a quantum internet. Our mission is to endow society with the full potential of quantum technologies. We value research and education in all areas of quantum computing, quantum information, and quantum communication. Our focus is to make quantum technologies a practical reality.

You will contribute to shaping a compelling vision of integrating quantum technologies into the core computer science curriculum. Also, yours is the challenge to offer an inspirational contribution to the faculty’s educational programmes, such as the Bachelor Computer Science and Engineering and several Masters in Computer Science and Embedded Systems. Your role will be crucial in our endeavour to continuously improve and innovate our education. We offer you a competitive start-up package to enable a quick start of your research programme, as well as excellent facilities and strong teaching support.

**[Requirements}**

You are an excellent researcher with a proven track record and a strong focus on applied research in any of the QCS fields. You have a strong personality, are an initiator and eager to learn, share knowledge, and contribute to the practical application of everything QCS has to offer to society.

You also have:

* A PhD in Quantum Computer or Information Science.
* Demonstrable exceptional research potential
* An excellent command of English.

Individuals with a research focus in applied areas of QCS, quantum information and communication systems are especially encouraged to apply. However, if you are an excellent candidate from another area, we also like to hear from you.

**[Conditions of employment]**

[Automatically completed by recruitment system]

**[TU Delft (Delft University of Technology)]**

[Automatically completed by recruitment system]

**[Department]**

[Automatically completed by recruitment system

**Additional information**

If you would like more information about this role, please contact please contact [name], [role], email [email address].

If you would like more information about the selection procedure, please contact [name], [role], email [email address].

**Application procedure**

To apply, please complete the application form [link] and add the following documents to your application:

1. Motivation letter.
2. Detailed CV.
3. Recent teaching evaluations (if available).
4. Teaching statement.
5. Research statement.
6. Three (Assistant level) to five (Associate level) relevant publications.
7. Names and contact information of at least three relevant references. We will not contact references without your consent.

Please apply before [date].

After the first selection, video interviews will be held on [dates] 2022. The interviews at TU Delft will take place on [dates] 2022.

**[Metatitle]**

Tenure track quantum computer science | TU Delft

**[Metadescription]**

Contribute to endowing society with the full potential of quantum computer technology during this tenure track with competitive start-up pack at TU Delft.

**[Intro’s social media 3x]**

Entering this tenure track position in Quantum Computer Science (QCS) at TU Delft means joining a team of world-leading researchers in advancing the application QCS in Computer Technology. In doing so, we aim to continuously improve every-day life. You will be offered an excellent start-up pack and ample research opportunities. Check our vacancy!

We have only started to discover how Quantum Technology (QT) can improve every-day life. In this tenure track position in Quantum Computer Science at TU Delft, your role will be pivotal in further advancing the application of QT in Computer Science. Check our offer!

At the TU Delft Quantum Computer Science section, you are surrounded by world leading physicists and engineers focused on quantum hardware and architecture development. We are currently offering a tenure track position with competitive start-up package. Check it now!

**[Relevante hashtags]**

#vacancy #workingatTUDelft #TUDELFT #tenuretrack #assistantprofessor #quantumtechnology #quantumcomputerscience #computerscience #education #research