

Information form of a participant in the competition for a research position docent (1.00) at St Petersburg State University

Full name **TAIOLI SIMONE**_____

Academic degree PhD_____

Academic title **SENIOR RESEARCHER**_____

Academic work experience **19 years**_____

Number of publications*, indexed in the Russian Science Citation Index, Web of Science CC **21**, Scopus **23**, H-index in RSCI____, Web of Science CC **17**, Scopus **18**__.

Number of research grant applications* submitted to Russian science foundations _____, non-Russian science foundations ____, other external sources _____.

Number of research contracts* participated by the applicant. Please specify the year, period and title of each contract, total funding allocated under each one, and your status (director / participant):

- with Russian science foundations _____,

- with non-Russian science foundations _____

1. November 2020 - October 2023, Project acronym: **QUICHE** € 66,000

QUantum SensIng TeChnology for Fundamental PHyysics Experiments

CO-PRINCIPAL INVESTIGATOR - granted by the Q@TN consortium

2. November 2020 - October 2023, Project acronym: **NADIA** € 66,000

Quantum sensing with laser-synthesized nano-diamond NV color centers

CO-PRINCIPAL INVESTIGATOR - granted by the Q@TN consortium

3. November 2019 - October 2022, Project acronym: **ML Q-FORGE** : € 66,000

Machine Learning techniques FOR Quantum Gate Engineering

CO-PRINCIPAL INVESTIGATOR - granted by the Q@TN consortium

4. November 2019 - October 2021, Project acronym: **NANOCATER** : € 66,000

High-Z ceramic oxide nanosystems for mediated proton cancer therapy

CO-PRINCIPAL INVESTIGATOR - granted by the Caritro Foundation

5. July 2018 - August 2021, Project acronym: **ARTIQS** : € 240,000

ARTificial Intelligence for Quantum Systems

CO-PRINCIPAL INVESTIGATOR - granted by the Q@TN consortium

6. November 2016 - presently **NEMESYS**: € 300,000

Non equilibrium dynamics models and excited state properties of low-dimensional systems

CO-PRINCIPAL INVESTIGATOR - granted by National Institute of Nuclear Physics

(INFN)_____

- with other external organisations _____,

- with St Petersburg State University _____.

Experience of research advising and consulting*:

- number of theses: bachelor's **0**, specialist's **0**, master's **2**,

- number of dissertations: candidate's **3 (undergoing)**, doctoral **2 (accomplished)**,

- number of aspirantura programme graduates **0**.

Experience in teaching methodology*:

- number of developed and implemented courses: **2**

- number of textbooks and learner's guides, edited and finalised for publication **0**

Any other information provided at the candidate's initiative _____

Decision of the Personnel Qualification Board _____

Results of the voting of the Academic Council of the SPbU academic institute / SPbU faculty
(Academic Councils of the SPbU academic institutes / SPbU faculties)