

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (art. 46 e 47 D.P.R. 445/2000)

Il sottoscritto Francesco Giacinto Lavacca, consapevole che le dichiarazioni false comportano l'applicazione delle sanzioni penali previste dall'art. 76 del D.P.R. 445/2000, dichiara che le informazioni riportate nel seguente curriculum vitae, redatto in formato europeo, corrispondono a verità, e Autorizzo il trattamento dei dati personali come da normativa vigente (D.lgs. 196/2003, recante il Codice in materia di protezione dei dati personali, e del Regolamento UE n. 679/2016 GDPR):

| | | |
|--|---|--------------|
| | Francesco Giacinto Lavacca | |
| | | |
| | | |
| | | |
| | | |
| Associate | Associate Professor | |
| Research topics/experiences | Radio Access Networks, softwarized networking, optical networking | |
| SCIENTIFIC / TECHNICAL QUALIFICATION (source: Scopus) | H-index: | 12 (Scopus) |
| | No. publications: | 63 (Scopus) |
| | No. citations: | 807 (Scopus) |

EDUCATION AND TRAINING

| | |
|------|--|
| 2023 | "Cisco Certified Network Associate (CCNA) for Instructors" course (24h) |
| 2017 | PhD in Information Communication Technology - Sapienza University of Rome, Italy |
| 2013 | Master Degree in Electronic Engineering - Sapienza University of Rome, Italy |
| 2010 | Bachelor Degree in Electronic Engineering - Sapienza University of Rome, Italy |

WORK EXPERIENCE

| | |
|-----------|--|
| 2024 | Associate Professor Dept. DSU – Link Campus University |
| 2021-2024 | Fixed-Term Assistant Professor Dept. DIET – SAPIENZA University of Rome |
| 2018-2021 | Researcher Fondazione Ugo Bordonì |
| 2016-2018 | PostDoc Researcher Dept. DIET - SAPIENZA University of Rome |

| | |
|-----------|---|
| 2013-2016 | PhD Student Dept. DIET - SAPIENZA University of Rome |
|-----------|---|

MAIN ROLES AND RESPONSIBILITIES

| | |
|-----------|---|
| 2024 | Associate Professor Work Package Leader <ul style="list-style-type: none"> PANTSAT (funded by ESA – ITT ESA AO/1 - 11201/22/NL/EG) |
| 2021-2024 | Fixed-Term Assistant Professor – Sapienza Technical Core Team member: <ul style="list-style-type: none"> HydRON SIMULator TEStbeD, HySIMULED (funded by ESA - ITT ESA AO/1-10623/21/NL/CLP) HydRON DEMOstration system, HyDEMO (funded by ESA - ITT ESA AO/1-10945/21/NL/CLP) |
| 2018-2021 | Researcher - Fondazione Ugo Bordoni Work Package Leader: <ul style="list-style-type: none"> Diagnostic Integrated Networks of Satellite and 5G, DINoS5G (funded by ESA- AO/1-10285/20/NL/AF) |

TEACHING EXPERIENCE

| | |
|-----------|--|
| From 2024 | Teacher at the course “Laboratory of Network Design and Configuration” Dept. DIET – SAPIENZA University of Rome |
| From 2017 | Teacher at the course “Telecommunication Fundamentals” Dept. DIET – SAPIENZA University of Rome |

MAIN RESEARCH EXPERIENCE

| | |
|------|---|
| 2024 | Associate Professor Collaborated in several projects, among them: <ul style="list-style-type: none"> PANTSAT (funded by ESA – ITT ESA AO/1 - 11201/22/NL/EG) Next-Generation Lunch Vehicle Communication System, project with AVIO and funded by PNRR |
|------|---|

| | |
|-----------|---|
| 2021-2024 | Fixed-Term Assistant Professor - Sapienza Collaborated in several projects, among them: <ul style="list-style-type: none"> HydRON SIMULator TESTbed, HySIMULED (funded by ESA - ITT ESA AO/1-10623/21/NL/CLP) HydRON DEMOstration system, HyDEMO (funded by ESA - ITT ESA AO/1-10945/21/NL/CLP) |
| 2018-2021 | Researcher - Fondazione Ugo Bordoni Collaborated in several projects, among them: <ul style="list-style-type: none"> Comma 1041: supporting the Italian Ministry of Economic Development in activities for the 5G network development in Italy as indicated in paragraph ("comma") 1041 of the Italian Law 205/2017. RSE: supporting the Italian Ministry of Economic Development in activities for 5G network development in the Energy Vertical Sector according to the Ministerial Decree of August 2019 n. 1-884. CVCN: supporting the Italian Ministry of Economic Development in activities of Cyber Security for 5G network according to the Ministerial Decree of 15th February 2019. Diagnostic Integrated Networks of Satellite and 5G, DInoS5G (funded by ESA) |
| 2016-2018 | PostDoc Researcher - Sapienza Collaborated in several projects, among them: <ul style="list-style-type: none"> Nano and Micro Launch Vehicle Communication Bus Specification for ITT Program, Invitation to Tender for Preliminary Design and Development of an Avionics Prototype for Nano and Micro-Launchers (funded by ESA) AAA program – TTEthernet for AAA program, Advanced Avionic Architectures (funded by ASI – Italian Space Agency) Network Automation Protocols for TI-NFV Infrastructure (funded by TIM). <p>His main involvement was related to implementation of network simulators required in the projects' activities, and to contribution to project reports.</p> |
| 2013-2016 | PhD Student - Sapienza Involved in research activities on optical networks and Cloud Radio Access Network (C-RAN) architecture. |

HONOURS, AWARDS, MEMBERSHIPS, OTHER QUALIFICATIONS

| | |
|------|---|
| 2019 | Best Paper Award - International Conference on Network of the Future (NoF) 2019 |
|------|---|

