## Form to collect the information relevant for the PhD Quality Awards

#### **PhD Student information**

| Surname   | GUERRERO BALAGUERA  |
|-----------|---------------------|
| Name      | JUAN DAVID          |
| PhD Cycle | 36                  |
| Tutor     | MATTEO SONZA REORDA |

#### Participation in Research Projects (add as many rows as necessary, 1 row per project)

| Project name and short                                    | Competitive | Project |      |      | Role in |  |
|---|-------------|---------|------|------|---------|--|
| description   | Selection   | Scope   | From | То   | project | Notes  |
| Centro Nazionale HPC, Big data e Quantum Computing        | YES         | N       | 2022 | 2025 | Р       | Three published Papers as coauthor supported by this project |
| Robotics Functional Safety:<br>Partner NVIDIA corporation | N           | I       | 2021 | 2022 | Р       | Two published papers as coauthor supported by this project   |

#### **Teaching Activities in University Courses** (add as many rows as necessary, 1 row per activity)

| Name of the course where the activity has been done | Course<br>type | Course<br>CFUs | Academic<br>year | Role in course | number of<br>hours of<br>teaching<br><b>done</b> | CPD<br>evaluation<br>(if any) | Notes |
|---|----------------|----------------|------------------|----------------|--|-------------------------------|-------|
| Computer Sciences (AA-JZ)                           | В              | 8              | 2021-2022        | L+E            | 25.5   | 3.1975                        |       |
| Computer Sciences (KA-ZZ)                           | В              | 8              | 2021-2022        | L+E            | 25.5   | 3.4025                        |       |
| Computer Sciences (AAA-FAR)                         | В              | 8              | 2022-2023        | L+E            | 19.5   | 3.41                          |       |
| Computer Sciences (FAS-NOS)                         | В              | 8              | 2022-2023        | L+E            | 15   | 3.322                         |       |

#### Research Dissemination Activities (add as many rows as necessary, 1 row per activity)

| Dissemination |        |  |             |       |
|---------------|--------|--|-------------|-------|
| activity name | Date   | Link   | Description | Notes |
| DAUIN PhD     | Nov-8- | http://www.phd-                                |             |       |
| Day           | 2022   | dauin.polito.it/events/phdday2022/Guerrero.pdf |             |       |

# **Participation in Contracts with Industrial Companies** (add as many rows as necessary, 1 row per contract)

|                                     | Company |      |    | Role in  |       |
|-------------------------------------|---------|------|----|----------|-------|
| Contract name and short description | name    | From | То | contract | Notes |

| Patents (add as many rows as necessary, 1 row per patent) |  |  |  |  |       |  |  |
|---|--|--|--|--|-------|--|--|
| Patent title Patent Type Last patent status Date          |  |  |  |  | Notes |  |  |
|   |  |  |  |  |       |  |  |

### **Technology Transfer Activities** (add as many rows as necessary, 1 row per activity)

|   | <u> </u>              | <u> </u>            |      |    | ,,               | ,,    |
|---|-----------------------|---------------------|------|----|------------------|-------|
|   | Technology Transfer A | ctivity Description | From | То | Role in activity | Notes |
| Г |                       |                     |      |    |                  |       |

#### Awards (add as many rows as necessary, 1 row per award)

| Award Description                                | Date            | Туре             | Notes |
|--|-----------------|------------------|-------|
| Best Paper in the Test Field on 24 <sup>th</sup> | April 7-9, 2021 | Best paper award |       |
| Internationla Symposium on Design and            |                 |                  |       |
| Diagnostics Electronic Circuits and              |                 |                  |       |
| Systems (DDECS)                                  |                 |                  |       |