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|  | **UNIVERSITY OF PADOVA****PhD Course in Sciences, Technologies and Measurements for Space** |

Analytical report of the doctoral activities

*[please name the file surname\_year\_curriculum\_analytical\_report.pdf ]*

1. **GENERAL INFORMATION**

**RESEARCH TITLE (THESIS)**: ...........

**DOCTORAL STUDENT**: ..............

**e-mail address: ...............**

**CURRICULUM**

[ ] Mechanical Measurements for Engineering and Space (MMES)

[ ] Sciences and Technologies for Aeronautics and Satellite Applications (STASA)

**TYPE OF GRANT**

[ ] University grant

[ ] Other funding source, free research project. Specify the funding source: ......................

[ ] Other funding source, specific research project. Specify both the funding source and the research project: .............

[ ] No grant

**SUPERVISOR**: ....................... **CO-SUPERVISOR**: ..............

**DEPARTMENT (INSTITUTE) OF REFERENCE: ..............**

**EVENT:**

[ ] Presentation of the proposed research program

[ ] Request of admission to the second year of the PhD Course

[ ] Request of admission to the third year of the PhD Course

[ ] Request of admission to the thesis evaluation procedure

**INFORMATION TO BE UPDATED YEARLY:**

I declare that (*please choose the option with a ☒ according to the admission meeting*):

□ (for the admission to the first year) my ORCID is ……………. Signature of the doctoral student ………………………………….

□ (for the admission to the second year): I have updated the CINECA web page with my publications on (day) ………… Signature of the doctoral student ……………..…….

□ (for the admission to the third year): I have updated the CINECA web page with my publications on (day) ……… Signature of the doctoral student …………………….

□ (for the admission to the final exam procedure): I have updated the CINECA web page with my publications on (day) ……… Signature of the doctoral student …………………….

**THESIS LANGUAGE**

* (for the admission to the second year, only if foreseen): I ask to write thesis in a language different from Italian or English (specify the language: ……………………….)
1. **SCIENTIFIC INFORMATION**

**2.1 RESEARCH OBJECTIVES** *(****half page max)***

Description of the objectives of the research

**2.2 INTERNATIONAL FRAMEWORK AND RELEVANCE** *(****one page max, like an executive summary)***

Description of the international framework (state of the art) and the consequent motivation and relevance of the research.

**2.3 EXPECTED RESULTS AND THEIR IMPACT** *(****half page max)***

Description of the expected results of the research and their impact in the on the advancement of knowledge, technology innovation, industry.

**2.4 REPORT ON THE ACTIVITIES PROGRAM (description of what has been done and analysis of what has to be done)** *(****two pages maximum, starting at the following page****)*

First and second year doctoral students: description of the activities done during the last year. Third year doctoral students: description of the activities done during the whole three-year period.

Work Breakdown Structure of the research/educational program done and/or foreseen: **a) level 1 for the presentation of the research program; b) level 2 for admission to the second year; c) level 3 up for other admissions**. Any Work Package (WP) has to be suitably described. Also the time distribution (man-hours, 1500 per year) has to be indicated per each WP and for the educational activities (750 hours total).

GANNT bar-chart of the activities program done and/or foreseen, in agreement with the WBS: **a) for the presentation of the research activity a 3-month time scale at the first year, and 6-month time scale at the following two years is required; b) for the admission to the second and third year, a 3-month time scale is required**.

**2.5 NATIONAL AND INTERNATIONAL COLLABORATIONS**

List of the collaborations done and/or foreseen.

Please specify institute, address, period of collaboration.

**2.6 INDUSTRY COLLABORATIONS**

List of the collaborations with industry done and/or foreseen.

Please specify institute, address, period of collaboration.

**2.7 PERIODS PLANNED / SPENT ABROAD**

List of the period planned / spent (specify) outside of Italy related to the research activity.

List period, institute and location.

**2.8 FORESEEN AND ACTUAL RESEARCH PRODUCTS**

[ ] new equipment

[ ] new know-how

[ ] publications

[ ] new process

[ ] new methods

[ ] spin-off(s)

**2.9 PUBLICATION LIST**

List of papers published or submitted since the start of the PhD.

Please separate conference proceedings, paper published, contribution in preparation.

**2.10 PERSONAL TRAINING PLAN** *[attached at the end of the present document]*

Attach at the end of the present document the personal training plan (from the end of the first year). Describe in this section how it is planned to recover possible delays with respect to the foreseen plan.

**2.11 SUPERVISOR APPROVAL**

The supervisor, Prof. ........... approves this analytical report of the activities program.

**[NB: For the presentation of the proposed research program this line has not to be filled in, because the supervisor has not been officially assigned yet]**

Signatures:

…………………………......................... ……………………………………………….

Doctoral student Supervisor

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**PERSONAL TRAINING PLAN OF DOCTORAL STUDENT XXX YYY**

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| **EDUCATIONAL ACTIVITIES** |
| **Interdisciplinary STMS courses**  | **Institution** | **Lecturer** | **Exam****(YES/NO)** | **Date of exam** | **Attained credits** |
|  | STMS |  |  |  |  |
|  | STMS |  |  |  |  |
|  | STMS |  |  |  |  |
|  | STMS |  |  |  |  |
|  | STMS |  |  |  |  |
| SUBTOTAL STMS COURSES |  |
| **Other courses (III level)**  | **Institution** | **Lecturer** | **Duration ( in hours)** | **Exam****(YES/NO)** | **Date of exam** | **Attained credits** |
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| **Extended/Short seminars**  | **Institution (STMS or…)** | **Lecturer** | **Academic hours** | **Date** | **Attained credits** |
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| SUBTOTAL SEMINARS |  |
| **TOTAL NUMER OF ACHIEVED EDUCATIONAL CREDITS** |  **DATE** | **Attained credits** |
|  |  |
| **TOTAL NUMER OF EXPECETD EDUCATIONAL CREDITS** |  **END OF ACADEMIC YEAR** | **Attained credits** |
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| **OTHER ACTIVITIES FOR RESEARCH TRAINING**  |
| **International Conferences and Workshops** | **Place/Institution** | **Date**  | **Notes** | **Attained credits** |
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| **Prolonged research visits in foreign/national institutions** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **Advanced/Summer/Winter/Training Schools** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **Tutoring or on teaching support** | **Place/Institution** | **Date** | **Notes****and Duration ( in hours)** | **Attained credits** |
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| **Public engagement activities** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **Participation to the 3-Minutes-Thesis-Competition** | **Place/Institution** | **Date** | **Notes****(please specify if PhD course internal selection, University selection or****international final)** | **Attained credits** |
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| **Academy programs, University student projects of similar**  | **Place/Institution** | **Date** | **Notes****and Duration (actual working hours)** | **Attained credits** |
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| **Academic lecture** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **STMS PhD meetings** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **Important personal fellowship and grants** | **Place/Institution** | **Date** | **Notes** | **Attained credits** |
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| **TOTAL NUMER OF ACHIEVED TRAINING RESEARCH CREDITS** |  **DATE** | **Attained credits** |
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| **TOTAL NUMER OF EXPECTED TRAINING RESEARCH CREDITS** | **END OF THE ACADEMIC YEAR** | **Attained credits** |
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