

“Research & Development”

LoD – 14

5th meeting 7.9.21

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Department of Aeronautical Sciences
Division of Thermodynamics, Propulsion and Power Systems

Participants: 12

Topics Discussed:

- What happened since May
- Final parallel thesis form
- Communication Plan
- K2 Parentship
- In house Journals
- Tasks for next meeting

What happened since May

- 2nd Parallel thesis launched

Title of thesis A: Crowd Density and Number Estimation from UAV footage using Deep Learning Algorithms

Title of Thesis B: Machine vision enabled unmanned vehicle control software

Supervisor Thesis A: Panagiotis Karampelas, Panagiotis Aposporis

Supervisor Thesis B: Konrad Wojtowicz

- LoD 14 E02_Parallel Theses form update

<https://forms.office.com/Pages/ResponsePage.aspx?id=RfJnbF6ex0iuiXWavCv3eMjw7ntntmBNtAEpjRTpAOhUOEFBSk9EMTVJOTE3SDJHNDIIVzUwR05DUSQlQCN0PWcu>

Communication plan

Make a 20 minutes presentation + 10 minutes questions session addressed to the institutes' international offices, regarding parallel theses.

Set the basis for an Erasmus K2 partnership

European Military Higher Education Institutes Research Network (focused on EDF research priorities)

Indicative Deliverables:

- i) Gap analysis between EU Defense research priorities and current military academies research activities
- ii) Map the current level of resources (labs, researchers, etc.)
- iii) Establish peer learning schemes and / or workshops to disseminate knowledge (Most experienced in a sector train the rest)
- iv) Develop IT tool to ease the researchers networking

Circulate an invitation once the proposal is finalized.

In house Journals

- Collect and share information of in-house Journals (under specific criteria: indexed, ...)
- Encourage participants to publish to in house Journals.

Tasks for Next Meeting

- Put together and present theses projects and relevant placements already running in institutions.
- Compile suggestions regarding K2 partnership

Questions?