

Project Group: Machine Learning for Predictive Maintenance

Minutes for December 2, 2020. 09:00 - 11:00

Present: Tanja Tornede (*Supervisor*), Anurose Prakash, Christopher Zinda, Gourav Prakash, Paul Fährmann, Saghar Heidari, Selami Hoxha, Sanjay Gupta, Vinay Kaundinya

Minutes-taker: Paul Fährmann

Topics Discussed:

New Milestone Topic Assignment

Details —

1. Exactly two people assigned to each of the following topics:
 1. Time Series Feature Extraction
assigned: Paul Fährmann, Sanjay Gupta
 2. Health State Classification
assigned: Saghar Heidari, Anurose Prakash
 3. Health Index Estimation
assigned: Hoxha Selami, Gourav Prakash
 4. Remaining Useful Lifetime Estimation
assigned: Christopher Zinda, Vinay Kaundinya

Additional Information —

1. Persons Involved: Tanja Tornede and team.

Information about the document we will create

Details —

1. resources for bibtex-citation and papers: <https://scholar.google.com/> and <https://dblp.uni-trier.de/>
2. We will need to write an introduction - chapter and (maybe) also a summary at the end.
3. Each section or subsection in the document should be annotated with the author for grading. This should happen in advance.
4. The "List and description of publicly available data" and "Taxonomy and presentation of state-of-the-art approaches" sections will be divided into subsection for each dataset and method. Here the subsections will have to be annotated with the author.
5. We need to add the links to the datasets we find.

What is to do for next week

Details —

1. We need to discuss and decide what typical pipeline elements of the approaches in PdM exist.
2. We need to create/prepare a plan for next 9 weeks how we will work on this document and what issues are included in which sprint.
3. We got a master-thesis template, we have to decide and adapt the structure of the sections and subsections to fit it to our group work.
4. We need to assign the sections and subsection in each topic to the member of the topic-group.
5. The topic-group members will have to add issues/subissues for their work on the topic.

Questions

Details —

1. Do we get continuous feedback or just on the final work?
Answer: If we want specific feedback on a part we can ask Tanja. That could take some days. In general we will talk in the wednesday-meeting about what we have done and can ask there when we have problems.

Next Meeting:

1. Date and time: December 9, 2020 at 09:00 - 11:00
2. Person responsible for minutes: Saghar Heidari