

Paris Session 2022



Thoughts for discussion

Study Committee C1
Preferential subject 3
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Evolving systems calls for evolution in methodology. Some regression analysis from past data is still valid, however, new data in a changed paradigm complicates analysis.

Question 3.1.3:

Machine learning has proven to provide great improvement possibilities when planning networks based on previous network flow studies and behavior.

How can machine learning enhance forecasting network generation and demand patterns when taking into account fairly unpredictable phenomena such as pandemics and natural disasters?

Contribution stimulus :

- ***Will machine learning be able to assist long term forecasting when little data of new systems is known?***
- ***What is the experience on modeling with machine learning in network planning?***
- ***Can Short term machine learning on current events be applied to possible future scenarios with success?***
- ***Which additional factors can influence the success of applying current data learning to forecasts?***