

DeepRUL

Deep Neural Network Techniques for Remaining Useful Life Prediction

Programm / Ausschreibung	FORPA, Forschungspartnerschaften NATS/Ö-Fonds, FORPA NFTE2018	Status	abgeschlossen
Projektstart	01.01.2019	Projektende	31.12.2022
Zeitraum	2019 - 2022	Projektlaufzeit	48 Monate
Keywords	Predictive Maintenance, Deep Learning, Explainable AI		

Projektbeschreibung

The goal of Deep RUL is to investigate the application of Deep Learning techniques for the prediction of machine health indicators, such as Remaining Useful Life (RUL) or Time to Failure (TTF). Specifically, it will (i) develop novel methods for automated construction of health indicators, (ii) investigate methods for explaining predictions resulting from DL models, and (iii) research DL-informed decision making strategies.

Projektpartner

- AIT Austrian Institute of Technology GmbH