

## DeepRUL

Deep Neural Network Techniques for Remaining Useful Life Prediction

<b>Programm / Ausschreibung</b>	FORPA, Forschungspartnerschaften NATS/Ö-Fonds, FORPA NFTE2018	<b>Status</b>	abgeschlossen
<b>Projektstart</b>	01.01.2019	<b>Projektende</b>	31.12.2022
<b>Zeitraum</b>	2019 - 2022	<b>Projektlaufzeit</b>	48 Monate
<b>Keywords</b>	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