Artificial Intelligence for Predictive Maintenance (AIPM)

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Abstract

Within the railway domain, one of the most promising area that needs to take advantage of artificial intelligence is the area of predictive maintenance. The maintenance costs of the whole railway system indeed count for a major part of Railways recurring spending, and the introduction of artificial intelligence will certainly drive a significant reduction of these costs, while maximizing system availability and increasing the level of information, with a direct impact on safety level improvement.

Biography

Guillaume Gach is working for UIC, the Worldwide Railway Organisation, in the Rail System Department as Telecom Design Authority and Project Manager of the AIPM (Artificial Intelligence for Predictive Maintenance) Project.