

Advanced Development in RFID Technology to Provide Solutions for Structural Health Monitoring Operations

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SUMMARY

RFID -radar is effectively a brand new solution to a difficult problem, namely measuring small movements at distances using affordable solutions. Because the transponders are very cheap, it is practically commercially to mount this equipment in permanent monitoring situations to collect data on a 24 hours basis and generate alarms should variations be out of tolerance. The paper will report first trial and perspectives about the deployment of such technology for Structural Health Monitoring projects.

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