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Textile based solutions for health monitoring in civil applications

Textile materials are matched by no other material in their customizability. Their properties can be adjusted in an extremely wide range. Because of this flexibility, textiles are used in many different areas of application. One such area are civil applications, where textiles are used for multiple purposes, e.g. reinforcement, separation, filtering, etc. Newly developed textile solutions even allow for an integrated health monitoring. However, this possibility is not yet used in civil applications. In the talk "Textile based solutions for health monitoring in civil applications", the speaker will present different textile integrated sensor solutions and possible applications within the civil construction sector.

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