



Cleveland Institution of Engineers

February Lecture

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Development of High Temperature Materials for Power Generation

Tuesday 6th February 2024 6pm

STEM Centre,
Middlesbrough College, TS2 1AD



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– Advanced
Materials



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Institute

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2024**

Future fusion plants need to operate at higher temperatures than fission plant to offer greater thermal efficiencies. This places significant demands on structural materials, particularly within the breeder blanket zone. A UK consortium is working to develop advanced reduced-activation ferritic-martensitic (ARAFM) steels for tonnage-scale production by 2028.



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