

MOCVD of Coated Conductors in Braunschweig

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Abstract - A MOCVD approach to process superconducting Coated Conductors is described and recent results obtained at PerCoTech and IOT (TU-Braunschweig) are presented. Advantages of an all-chemical approach in general and MOCVD in particular are explained. The feasibility of Coated Conductor production, inclusive buffer layer, in a one-path MOCVD system, and the technical and economic aspects of scaling up are discussed.

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