



Vortrag



Multiscale modelling of soot formation in reactive turbulent flow

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The first part of the talk will present a detailed particle model for soot and how it can be incorporated in a stochastic reactor model. The second part of the talk shall discuss how a system of weighted particles (DQMoM) can be used to close the mean reaction rate in a CFD simulation of a turbulent reactive flow. Results for an isothermal reactive flow will be presented.

Termin: **Montag, 28.09.2009, 10:00 Uhr**

Ort: **Raum ZEU 150a**

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