

Postdoctoral Associate Position Opportunity

Department: Mechanical & Materials Engineering

Supervisor: Prof. Frank Henning and Prof. Anthony Straatman

Description of Research and Position:

Area of research: Computational fluid dynamics (CFD) development and application, computational modeling of the molding of continuous and discontinuous fiber materials and of draped fabric composite materials; material property characterization; manufacturing

Position: The incumbent will work with the CFD groups at Western and at Karlsruhe Institute of technology and interface with the team at the Fraunhofer Institute and Project Center.

Accountabilities of the Role:

- Understanding and working knowledge of in-house CFD and Materials processing codes for conducting mold flow and draping simulations; modification and running of existing software codes
- Assistance with supervision of other graduate students in same research laboratory

Educational Requirements necessary for the Role:

PhD degree in Mechanical or Chemical engineering with extensive knowledge of CFD code development and operation.

Number of Opportunities: _____

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Proposed Start Date: _____

01/02/2020

Length of Appointment: _____

24 months with possible extension to 36 months

Please note that the length of appointment may change.

How to Apply:

To apply, please send your CV, statement of research, and three representative publications to Professor A. G. Straatman

Posting Expires: August 10, 2019

Note: Postings must be publicly available for a minimum of 10 days.