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# Aage

**Guss aus Aalen**

**Aalener Gesellschaft für Leichtbauteile**

**- Entwicklungsgießerei -**

certified pursuant to EN ISO 9001:2008

certified pursuant to EN ISO 14001:2009

## **Training or Cooperative Services Alternatives to the Laplace Operator Setting up and Solving of Partial Differential Equations**

Aage GmbH offers mathematical help to set up and solve partial differential equations, especially at finding reliable alternatives to the Laplace operator.

This concerns at least the following fields of technical physics:

- corrections to the multidimensional wave equation (optics, acoustics, power transmission)
- corrections to the multidimensional diffusion equation (heat conduction)
- corrections to the Navier Stokes equation (hydromechanics)

The solutions are hard to find, but then they are quite easy to understand.

Optionally, we like to provide for individual tasks of our customers.

Also we can help so far only, how a solution path is already known to us.

Our price conception: **1250 € / day**  
Solving an individual equation: **to be negotiated separately**  
Fitting of theory to measured data: **to be negotiated separately**

**All costs are plus travel expenses and legal value added tax.**

If there are questions, please feel free to contact us.

Aage GmbH

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General Manager

by proxy Dr. Norbert Suedland  
Quality Management and Research

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