

## Advanced topics on the Modelica library TIL

Dear Sir or Madam,

TLK Thermo GmbH offers a one-day training course about advanced topics on the Modelica library TIL. TIL is a Modelica library for thermodynamic systems and the result of close cooperation between TLK-Thermo GmbH and the Institut für Thermodynamik at TU Braunschweig. TIL provides numerous models of thermal and fluid technology components, as well as transport phenomena, and is complemented by the substance property library TILMedia.

The training course includes the following:

- Advanced modelling concepts of TIL
- Advanced initialization concepts of system models
- Usage and extension of TIL and TILMedia
- Improvement of problem solving competence

During the training course, the participants work on many practical exercises with the assistance of Modelica and TIL experts. After the training course the participants will have a deeper understanding of the modeling concepts of TIL. The participants will be able to build models and solve modeling and simulation problems in a structured and efficient manner. This knowledge can also be transferred to the use of other libraries.

The training course is directed toward simulation and modeling specialists with knowledge of the Modelica language. It is recommended to take part in the Modelica Advanced training course first.

The training takes place in Braunschweig, beginning 8:00 am and ending 5:30 pm. It is preferred that participants bring their own laptop for the training.

University students as well as PhD candidates receive a discount upon request. Included in the training fees are the course notes as well as lunch, drinks and snacks in the breaks.

In case you are interested in the training and would like to learn more about the content, do not hesitate to contact us.

Best regards,

Christian Schulze and Wilhelm Tegethoff

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### Contact.

Dr.-Ing. Wilhelm Tegethoff / TLK-Thermo GmbH, Hans-Sommer-Straße 5, 38106 Braunschweig, Germany  
Phone. +49/531/390 76-11 / w.tegethoff@tlk-thermo.de / www.tlk-thermo.de