



**NM**  
Numerical  
Modelling GmbH

NM Numerical Modelling GmbH  
Böhnirainstrasse 12  
CH-8800 Thalwil

Tel +41 (0)44 720 13 01  
Fax +41 (0)44 720 13 02  
Email [info@nmtec.ch](mailto:info@nmtec.ch)

## **Position available: Internship at NM Numerical Modelling GmbH**

NM Numerical Modelling GmbH ([www.nmtec.ch](http://www.nmtec.ch)) is a Swiss based spin-off company of the Center for Computational Physics ([ccp.zhwin.ch](http://ccp.zhwin.ch)) at the University of applied Sciences Winterthur ([www.zhwin.ch](http://www.zhwin.ch)) and offers services in the field of Computer Aided Engineering for high-tech enterprises. The core competence of NM GmbH is the modelling and simulation of coupled physical effects to support R&D projects in sensor technology and process optimization. Apart from actual simulation tasks, NM GmbH develops customer specific simulation tools based on MATLAB GUIs and parametrized finite-element models implemented in NM SESES (see SESES in [www.nmtec.ch](http://www.nmtec.ch)). Most of NM's customers are based in Switzerland and Germany.

NM GmbH seeks a trainee (male or female) for September 2007 for a six month internship to support these activities. We expect experience in the field of finite-element modelling (e.g., in thermo-mechanics or electro-dynamics), programming skills (e.g., MATLAB, C or a macro language), knowledge of the basic principles in electrical or mechanical engineering and applied physics as well as a strong motivation to transfer physical issues into robust, industry-standard numerical models.

NM GmbH offers an enthralling challenge to bridge the gap between theory (Physics, Numerics, Engineering Science) and state-of-the-art industrial R&D. The trainee will profit from his/her involvement in interesting industry projects as well as from the collaboration with a motivated team of young engineers.

Please send your application to [markus.roos@nmtec.ch](mailto:markus.roos@nmtec.ch)

Start of internship:	September 1 <sup>st</sup> , 2007 or by arrangement
Duration:	6 months
Place of Work:	Böhnirainstrasse 12 CH-8800 Thalwil Switzerland (10 min. by train from Zürich)
Responsible Person:	Dr. Markus Roos