



Karlsruhe Institute of Technology

Karlsruher Institute of Technology  
Personalservice (PSE)

Kaiserstraße 12  
76131 Karlsruhe

<http://www.pse.kit.edu>

## Postdoctoral Position (f/m)

<b>Job description:</b>	<p>In SiMET, 30 doctoral researchers from several scientific disciplines will study the closely linked mechanical, electrical and thermal processes in lithium-ion batteries and, for this purpose, jointly develop suitable and numerical simulation methods. For more information about SiMET, please have a look at the SiMET homepage (<a href="http://www.simet.kit.edu">www.simet.kit.edu</a>).</p> <p>Moreover, the applicant should be willing to teach the basics of numerical methods for partial differential equations and the use of modern simulation tools to the doctoral students from the engineering department.</p>
<b>Qualification:</b>	<p>We expect separate research activity and collaboration in the area of battery simulation. The preferable candidate has knowledge and experience in finite element methods in continuummechanics or fluidynamics, especially multiscale methods.</p> <p>Requirements are a degree in mathematics or related subjects above averageand experience with the development of finite element software.</p>
<b>Salary:</b>	<p>The remuneration occurs on the basis of the wage agreement of the civil service in TV-L.</p>
<b>Institute:</b>	<p>Institut für Angewandte und Numerische Mathematik (IANM)</p>
<b>Contract duration:</b>	<p>limited, 3 years</p>
<b>Starting date:</b>	<p>as soon as possible</p>
<b>Application up to:</b>	<p>30.08.2017</p>
<b>Contact person in line-management:</b>	<p>For further information please contact Prof. Dr. Willy Dörfler, E-Mail: <a href="mailto:willy.doerfler@kit.edu">willy.doerfler@kit.edu</a></p>
<b>Application:</b>	<p>KIT kindly requests that applications with standard documents, be submitted <b>in electronic form</b> to <b>Prof. Dr. Willy Dörfler</b>, <b>E-Mail: <a href="mailto:willy.doerfler@kit.edu">willy.doerfler@kit.edu</a></b>.</p> <p>KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.</p>
Karlsruher Institute of Technology Personalservice	<p>KIT is certified as a family-friendly university (familienfreundliche Hochschule) and offers part-time employment, leaves for family-related reasons, dual career options, and individual coaching for family-work balance.</p>