

## Call for Papers: ‘*Fluid–Structure Interaction in Biomedical Applications*’

*Communications in Numerical Methods in Engineering* will present a special issue on ‘Fluid structure interaction in biomedical applications’. The aim of this special issue is to present and discuss any new developments or results regarding fluid–structure interaction problems in biomedical applications. It is well-known that for many biomedical applications, strongly coupled fluid–structure interaction schemes are necessary and various solution procedures have been proposed to do so using either partitioned or monolithic schemes. This special issue tries to gather a diverse range of biomedical research areas in which these schemes have been applied. These areas can be related to any part of the human body in which the interaction between fluid and structure plays an important role, such as different parts of the respiratory, the cardiovascular or the lymphatic system. We would like to encourage any novel contributions in these (or other biomedical) areas.

### *Paper Submission Details*

Prospective authors should prepare their manuscripts online in accordance with the publication format described in ‘For authors’ at <http://interscience.wiley.com/journal/cnm>.

Papers must be submitted via the CNM Online Submission site at the above journal homepage, where you will need to:

1. Create a CNM author account if you do not already have one
2. Manuscript Type: select ‘Special issue paper’
3. Special Issue: select ‘Yes’
4. Special Issue Information: input title ‘Fluid–structure interaction in biomedical applications’
5. Editor Selection: select ‘R. van Loon’ or ‘F. N. van de Vosse’

### *Schedule*

Submissions deadline: 31 August 2008

### *Guest Editors*

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