# Computational modelling of free and moving boundary problems

Moving Boundaries'99, the fifth international conference on the computational modelling of free and moving boundary problems, will be held in Ljubljana, Slovenia, from 30 June to 2 July 1999. The event will be organised by the University of Ljubljana and the Wessex Institute o...

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The conference will focus on the computational modelling of a continuum, where the positions of its borders or interphase boundaries have to be determined as part of a solution. The transient character leads to so-called moving boundary problems, and the steady one to free boundary problems.

The meeting will feature the following sessions:

- Physical and mathematical systems of phase change phenomena between solids, liquids and gases, phase distribution in multiphase systems, instabilities and waves;
- Numerical methods for free and moving boundary problems on the basis of finite differences, elements and volumes, as well as boundary and spectral methods;
- Applications in numerous fields in science, engineering and medicine, such as lava dynamics, different casting techniques and the computational support of cryosurgery.

For further information, please contact:

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