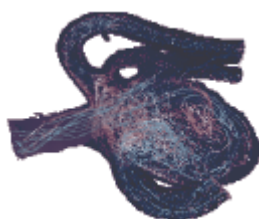


Crossing boundaries: computational science, e-Science and global e-Infrastructure - volumes I and II

Compiled and edited by Peter Coveney and Malcolm P Atkinson

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Crossing boundaries: computational science, e-Science and global e-Infrastructure I and II contain a selection of papers presented at the UK e-Science All Hands conference, held in Edinburgh between the 8 and 11 September 2008 (<http://www.allhands.org.uk/archive/2008/>).

The conference aimed to bring together computer scientists, computational scientists and researchers from all domains engaged in the endeavour of e-Science: computationally intensive research, typically carried out in highly distributed environments (often involving grid computing), with potentially immense data sets, involving technologies/resources that enable and facilitate such distributed collaboration.

Fewer than 15% of the papers submitted to the conference made it through the rigorous review process to publication in these two issues. The papers selected for publication can be considered to represent the cutting edge of e-Science, paving the way towards a new, faster, better and different science than has been possible before. The full contents of both volumes are detailed below and overleaf.

Crossing boundaries: computational science, e-Science and global e-Infrastructure I and II comprise issues 1897 and 1898 of *Philosophical Transactions A: Mathematical, Physical and Engineering Sciences* and the full content of both issues can be accessed at http://rsta.royalsocietypublishing.org/site/issues/computational_eScience.xhtml

The print issues can be purchased at the discounted price shown above. To place an order at this price, please visit the above URL and, when prompted, enter **TA 1897 for Vol 1** and/or **TA 1898 for Vol 2**.

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