CALL FOR PAPERS – CMV 2003
**International Symposium on Coordinated &
Multiple Views in Exploratory Visualization**

**Coordinated & Multiple Views
in Exploratory Visualization**
CMV 2003

**Associated and co-located with IV2003, London, UK
15 July 2003**

Chair: Jonathan Roberts (j.c.roberts@ukc.ac.uk)
http://www.cvev.org/cmv2003.html

The goal of this conference is to bring together top practitioners who are researching in the area of coordinated and exploratory visualization and to analyse and discuss state-of-the art concepts and future opportunities in this area.

Over the past few years the rise of Information Visualization has produced a diverse range of dynamic and highly interactive visual environments. These exploratory tools enable a user to investigate, try out scenarios and search the information and visual space to generate better hypothesis and develop a better understanding of the underlying information. Such investigative environments often utilize many different views of the same data, so the user understands the information from different perspectives; the views are also tightly coupled together to allow rapid coordinated investigation and exploration.

Original papers are solicited in the area of coordinated and exploratory visualization. In particular we encourage papers detailing novel architectures, formal models, applications and in-depth reviews. Example topics include, but are not limited to:

- Multiple view techniques (including multiform views and multiple representations)
- Coordinated views, tight coupling, linked views
- Dynamic and rapid interactive visualization techniques
- Formal models (covering appropriate topics such as coordination and rapid investigation)
- Multiple views for Interactive steering
- Visualization management for view explosion
- Data transformation and re-expression for exploratory visualization
- Exploratory visualization methods/algorithms/tools
- Novel exploratory visualization architectures

- Visual query languages for exploratory visualization
- Case studies and applications of coordinated and multiple views
- Reviews and surveys of related literature
- Spreadsheet based visualization techniques
- Possible application areas such as (but not limited to):
  o GeoVisualization
  o Mathematical and Statistical exploration
  o Bioinformatics
  o Medical visualization
  o Web site data
  o Web browsing strategies
  o Astronomical data

Submission Instructions
Please prepare your submission according to the conference guidelines found at
http://www.cvev.org/cmv2003/submission.html.

- Accepted papers will appear in the proceedings, which will be published by the IEEE Computer Society.
- Best papers will be invited to submit to a Special Issue on "Coordinated and Multiple Views in Exploratory Visualization" of the Information Visualization Journal (Palgrove/Macmillan)

Potential Authors are invited to submit a PDF of their submission to cmv@cvev.org

Deadlines
31 March 2003   Extended Paper submission
5 May 2003   Camera ready
15 July 2003   Conference