Submission Procedures

Six copies of original papers should be submitted to the appropriate conference programme co-chair depending on the geographic region in which the authors of the paper reside by 22nd February 1999. Papers must not be under consideration nor published elsewhere.

Papers should not exceed 20 pages double-spaced and should be typeset in 11-point font; over-length papers will be rejected without review. An abstract of the paper must be submitted electronically by 15th February 1999 with an indication whether the paper should be judged under traditional research, vision or experience criteria. Arrangement details for electronic and postal submission will appear on the VLDB'99 web site in January 1999.

Geographic Regions

Research papers should be submitted to the programme committee co-chair associated with the region of the principal author. Any queries regarding this should be addressed to the programme committee chair, Malcolm Atkinson. Panel, tutorial, industrial and exhibit proposals should be addressed to the appropriate chair.

Research Papers

These will contain significant and original research results. Papers reporting and evaluating new architectures, structures, methods, systems and models are encouraged, particularly where these are carefully validated against realistic criteria, such as typical test loads and data volumes. They will be evaluated on: originality, innovation, relevance, abstraction, technical depth, clarity and potential practical impact.

Vision Papers

These provide a medium for discussion of expected technological, economic and social developments and their impact on databases. These papers are inevitably speculative, yet are expected to present clearly a scientifically and technically convincing argument of relevance to the database community.

Experience and Application Papers

This section provides a forum for discussion of experiences in implementing DBMSs or in applying DBMS technology in challenging situations. Criteria for papers in this section will include novelty, technical quality, clarity and the anticipated value of results to developers or users. Reports of industrial experience of using databases will be particularly welcome.

Panel and Demonstration Proposals

Panel proposals should address exciting, new and controversial issues and must be debate-oriented rather than a series of short presentations. They should pose specific questions that the panellists will be called to answer, and they should expose the controversy around those questions. A list of confirmed participants with their affiliations should be included in the proposal.

Demonstrations should illustrate new technology, advances in applying databases or new techniques, often complementing a paper. Panels and demonstrations will have up to 4 pages in the proceedings. Panels proposals will set the context, issues and viewpoint of the planned discussions. Demonstration proposals will explain what will be shown, detailing the significance of the contribution to database technology, applications or techniques.

Panel and Demonstration proposals should be submitted to Ron Morrison, electronically or hard-copy by 22nd February 1999.

Tutorial Proposals

Tutorial proposals must clearly identify the intended audience, which should be broader than the database research community or should introduce the database community to a new concept or technology. Alternatively, a tutorial should stimulate synergy between databases and another relevant research field.

Enough material should be included in a proposal to provide a sense of both the scope and depth that will be covered. Evidence should be submitted that a high-quality presentation will be achieved in a standard 3-hour tutorial period. We seek novel topics of wide interest and emerging in importance.

Tutorial proposals should be submitted to the Carole Goble, electronically or hard-copy by 22nd February 1999.

Exhibits Proposals

VLDB'99 will display exhibits from both industry, commerce, vendors and research groups. To propose your participation in the exhibits programme contact the exhibits programme chair, Lachlan MacKinnon by 8th May 1999. Early dialogue would be very helpful.

Important Dates

15th February 1999	Abstract Submission Deadline
22nd February 1999	Paper, Panel, Demonstration & Tutorial Deadline
8th May 1999	Exhibit Deadline
15th May 1999	Notification of Acceptance
1st June 1999	Camera Ready Papers Due
7th September 1999	VLDB'99 Conference Opens in Edinburgh

VLDB'99 Conference
Preliminary Conference Announcement and Call For Papers
25th International Conference on Very Large Databases
Edinburgh, Scotland, UK
September 7th - 10th 1999

General Chair:

Keith Jeffery *kgj@rl.ac.uk*

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VLDB'99, the Silver Jubilee VLDB, conference will be held in Edinburgh, Scotland. It will present and review the latest achievements in database research and applications.

The maturity and judgement developed in this discipline over the last 25 years must now advance rapidly to accommodate dramatic increases in the loads imposed on database systems and in the diversity of their uses. As the engineering for databases improves so the use of metrics to validate achievements becomes progressively more important. Moreover, the emergence of new technologies such as ubiquitous computing, mobile devices and high-bandwidth communications, makes further demands on database technology. Databases also facilitate the incremental construction of ever larger and more sophisticated information systems. Are databases a match for the requirements of the next millennium?

You are invited to submit papers reporting recent results in the general field of databases. The VLDB paper presentations take three forms. Standard research papers take the traditional form, whilst more speculative papers explore the future evolution of the database field to develop a vision of future database research, development and use. Experience and application papers from industry will describe the construction or operation of new and challenging applications of databases. Panels, tutorials and exhibits will communicate issues, views, new approaches and hard information about the practical leading edge of database technology, applications and techniques.

Topics of Interest

The topics of interest include, but are not limited to:

- Active Databases
- Advanced Applications of Databases
- Authorization and Security
- Concurrency Control and Recovery
- Continuous Operation
- DBMS Architectures
- Data Mining and Knowledge Discovery
- Data Models and Database Design
- Data Transformation & Integration
- Data Warehousing
- Databases as Components in Large Systems
- Database Benchmarks and Measurement
- Database-centred Software Engineering
- Database Constraint Management
- Database Evolution and Migration
- Database Languages and Semantics
- Databases and Electronic Commerce
- Engineering Databases for Design, Production & Operation
- Financial Applications of Databases
- Geographic Information Systems
- Globally Distributed Databases
- Heterogeneous and Federated Databases
- Information Retrieval and Database System Synergy
- Internet/Intranet Services and Databases
- Knowledge Base Management Systems
- Logic and Databases
- Mobility and Databases
- Multidimensional Databases
- Multimedia Databases
- On-line Analytical Processing
- Object-Oriented Database Systems
- Optimization and Performance
- Parallel and Distributed Databases
- Programming Language and Database Integration
- Real-time Databases
- Replication, Caching, and View Materialization
- Scientific and Statistical Databases
- Semi-structured Data
- Spatial Databases
- Telecoms and Call-Centre Applications
- Temporal Databases
- Text Databases
- Tractable, Realistic Models of Database Mechanisms and their Calibration
- Ubiquitous Service Provision
- User Interfaces
- Visualizing the Structure and Content of Databases
- View Management
- Visual Query Languages and Tools
- World-wide Database Services
- Workflow Systems

Up-todate details of the conference can be found at:
http://www.dcs.napier.ac.uk/~vldb99/