Call for Papers

For over 20 years, DBPL has established itself as the principal venue for publishing and discussing new ideas at the intersection of databases and programming languages. Many key contributions in query languages for object-oriented data, persistent databases, nested relational data, semistructured data, as well as fundamental ideas in types for query languages were first announced at DBPL. Today, the emergence of new data management applications such as Semantic Web and Web services, XML processing, Social and Sensor Networks, Cloud Computing and Peer-to-peer data management has lead to a new flurry of creative research in this area. DBPL is an established destination for such new ideas.

Scope

DBPL solicits theoretical and practical papers in all areas of Database Programming Languages. Papers emphasizing new topics or foundations of emerging areas are especially welcome. Suggested, but not exclusive, topics of interest for submissions include:

- Data Exchange
- Data Integration and Interoperability
- Databases and Information Retrieval
- Databases and the Semantic Web
- Databases and Social Networking
- Databases and Cloud Computing
- Databases in Bioinformatics
- Databases in Computational Linguistics
- Declarative Data Centers
- Dependent Type Systems
- Information-Flow Type Systems
- Uncertain and Imprecise Information
- Language-Integrated Query Mechanisms
- Language Support for Databases
- Databases in E-commerce
- Multimedia Databases
- Peer-to-peer Data Management
- Provenance
- Stream Data Processing
- Schema Mappings
- Metadata Management
- Security in Data Management
- Semi-structured Data
- Spatial and Temporal data
- Transaction Management
- Validation, Type-checking
- Web Services
- XML Processing

History