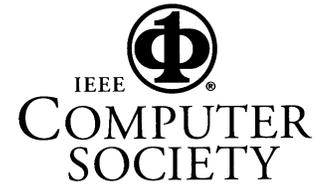# Advances in Databases

Tom Laszewski

During the dot com boom, everyone only talked about Java, XML, HTML, Flash and becoming rich. Database technology seemed to take a back seat, and was predicted as being at the end of its maturity curve.   Well, the database is back in vogue again.

This presentation will talk about current and future database trends such as security, availability and manageability. The direction of current DB research will discussed, both from an academic perspective and from the perspective of industry. In addition, we will address the future of database technology and talk about things like: GRID computing, automatic computing, automated storage, self healing databases, real time business intelligence, RFID, object to relational mapping, Java and Web Services in the database, unstructured (XML) data support, information life cycle management and enterprise search.

Finally, the talk will include an Oracle roadmap to illustrate which of the technologies have already been commercialized, and some "crystal ball predictions" as to what is coming in the near and distant future.
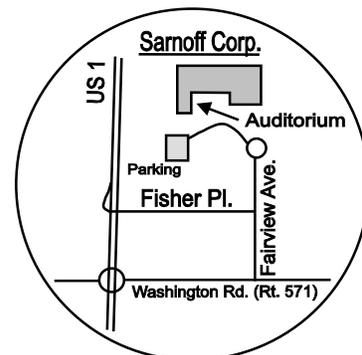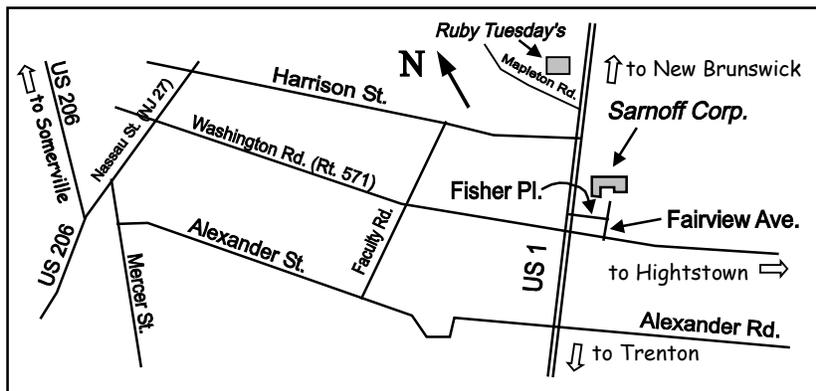
Tom Laszewski is currently a Technical Director at Oracle's Partner Technology Group. Tom has engaged with over 600 ISVs, SIs and VAD/VARs during his 8-year tenure at Oracle. Tom has achieved executive level recognition for his contributions in competitive database migrations. He has published database migration white papers, established a Migration Center of Excellence, trained Oracle folks worldwide and has individually contributed to over 200 migrations. He helped land one of the largest Oracle database partner deals in the last five years. This deal is projected to be worth $15 million in first year with up to $50 million by fifth year. Tom was the lead technical sales consultant for one of the largest Oracle ISV database and application server deals in the past four years. Tom also has extensive background in Java/J2EE, XML and Web Services. He was the lead content contributor and instructor in delivering these types of workshops to ISVs and the Oracle Sales Consultants "Top Guns".

Tom previously held key system engineering, consulting, project management and technical leadership roles at Sybase and Electronic Data Systems. At Sybase, his consulting roles included: DBA, developer, architect and trainer. At EDS, he led a project to develop an enterprise database and software application for the merchandising industry. He began his career at a start up software company developing custom applications for the auto glass industry.

Tom has spoken at technology events around the world including: Sun JavaOne, Oracle Open World, Oracle Developer Days and other industry specific events. He has provided strategic and technical advice to several start up companies in the Database, Blade, XML and storage areas.

Tom holds a Master of Science in Computer Information Systems from Boston University. His undergraduate degree is in Management Information Systems.

Date: Thursday, February 16, 2006, 8:00 pm (Refreshments at 7:30 pm)
Place: Sarnoff Corp., Routes 1 and 571, Princeton, NJ
Information: Rebecca Mercuri (609) 587-1886, Dennis Mancl (908) 582-7086
On-line info: **http://www.acm.org/chapters/princetonacm**

All ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner with the speaker is held at 6:00 p.m. at Ruby Tuesday's Restaurant on US 1. Please send email to **princetonacm@acm.org** in advance if you plan to attend the dinner.