

## **Database Workshop – Beyond Access and the Desktop**

Sponsored by IEEE Hamilton Section

- When: **June 7<sup>th</sup> from 9:00 AM to Noon**  
Where: At ZENON Environmental Inc.,  
3239 Dundas Street West, Oakville, Ontario  
How Much: \$35 for members \$50 for non-members including training materials and refreshments. Make cheques payable to “IEEE Hamilton Section” and send to Eric Harrison at the address above.  
Who: Eric Harrison is the Manager of Service I.T. at ZENON and has made the transition to SQL Server. He will deal with some of the misconceptions and dead-end thinking about databases. Stephen Reist is the senior database administrator at ZENON is knowledgeable in the development and application of large database applications.  
Why: Because you need to know this stuff!  
What: See below...

The purpose of the workshop is to get you thinking beyond the normal traditional constraints of engineering programming and remove some of the mystique of working with large database systems.

*This is not about your father's dbms!*

1. Database Overview – An enterprise view, architectural considerations, entity diagrams, thinking through the process, understanding and simplifying data relationships, introduction to the Zachman Framework.
2. Differences between Access and other PC databases and Business/Enterprise Strength databases.
3. Sequential Programming vs. Set-based database queries – looping vs. selecting, evil cursors, and other paradigm differences. Relate an experience of taking a load process from 24 hrs as a VB approach to 10 minutes using relational data set processing.
4. MS SQL Server – A look under the hood; how it is structured; cool tools; stored procedures; ease of use.
5. Reporting – Connections; XML; .net; VB; ASP; OLAP?
6. Automatic Data Collection – RSSQL, DTS, etc.
7. Other topics as requested by registered participants.

We will supply either evaluation copies of MS SQL Server or MySQL. Bring a laptop if you have one. Space is limited to twenty so apply by email to eharrison@zenon.com. Include your name, IEEE number (if you are a member) and any other topics you would like to see covered. There may be a part II.

**Registration dead-line is May 15<sup>th</sup>. 2003.**