IQSOFT | JOHN BRYCE OKTATÓKÖZPONT

Oracle University Bucharest

EXPERT
SUMMIT

21st – 24th April 2015, Bucharest

Elevate your knowledge
of Oracle technology
to new heights

ORACLE®

UNIVERSITY

Oracle University Bucharest EXPERT SUMMIT

Dear Oracle Professionals,

On behalf of Oracle University, it is my pleasure to invite you to attend the first Oracle University Expert Summit in Romania. Five acclaimed Oracle technology Gurus are coming together in Bucharest to provide you with expert insight and best practices. They will share tips and techniques accumulated from their many years of experience and specialization. This is real-world knowledge that you will be able to apply right away.

Regardless of your level of experience with Oracle technologies, the event will enhance your knowledge and will fill in any missing pieces of the Oracle puzzle. Such learning goes far beyond the standard content of classroom training. This is a unique opportunity to interact with Oracle Gurus, get a first-hand deep dive, and discuss challenges with like-minded people.

Similar sessions in London, Dubai and Istanbul and were very well received. Elevate your knowledge of Oracle technology to new heights. This is a unique opportunity not to be missed!

DAN GARLASU
Sales Director
OU South
Eastern Europe

The Oracle Experts you will be learning from:

JONATHAN LEWIS is a well-known figure in the Oracle world with more than 26 years experience. He has published three books about Oracle, including Oracle Core, published by Apress in 2011. He runs websites and contributes to newsgroups, forums, and user group magazines and events around the world.

Jonathan has been self-employed for most of his time in the IT industry. For the last 20 years he has specialised in short-term assignments, typically of a design, review, or troubleshooting nature, often spending no more than two or three days at a client site to address problems. He runs seminars about using Oracle all over the world and has visited more than 50 different countries to talk about, or trouble-shoot, Oracle systems.

CHRIS DATE is an author, lecturer, researcher, and consultant, specialising in relational database technology. During his time at IBM, he worked with Edgar F. Codd on the relational model for database management and on the technical planning and design of the IBM products SQL/DS and DB2. He left IBM in 1983 and is widely regarded as the current principal maintainer and developer of the relational model, in association with Hugh Darwen. His book An Introduction to Database Systems, currently in its 8th edition, is the standard text on the subject. It has sold well over 900,000 copies (excluding translations) and is used by several hundred colleges and universities worldwide.

PETE FINNIGAN is a renowned security assessment expert of Oracle Databases. Pete is the author of SANS Oracle Security Step-by-step guide versions 1 and 2 – A survival guide for Oracle security. The SANS step-by-step guide was used as a basis for the centre for Internet Security Oracle Security Benchmark which along with the step-by-step is now used worldwide to secure Oracle databases from intrusion. Pete is author of the SANS S.C.O.R.E security checklist for the Oracle database. He is also a co-author of the recent Oracle Expert Practices book published by Apress. Pete is a frequent speaker on the world stage on the subject of Oracle and security. He is the founder and CEO of PeteFinnigan.com Ltd., a company specialised in Oracle security.

HELI HELSKYAHO holds a Master's degree (Computer Science) in Helsinki University and she is specialized on databases. Heli is also an Oracle ACE Director and a frequent speaker in many conferences. She has been working with Oracle products since 1993. She has been in several positions but every role has always included database design. Heli has been an Oracle Designer user since 1996 and a Data Modeler user since 2010. She has been a board member and/or president of Oracle User Group Finland since 2001 and spokesperson/ambassador for EMEA Oracle user group community (EOUC) since 2007. She is also the CEO for Miracle Finland Oy. Heli's book on database design with Oracle SQL Developer Data Modeler will be out in May 2015.

ALEX CIOBANU is a Big Data Architect at Oracle working with customers across EMEA to understand Big Data, Oracle's Big Data Solutions and how to maximize their business with Big Data. Alex has published scientific papers on Big Data, and collaborates with a local University to bring Big Data to the next generation. With over 10 years of teaching experience, Alex has developed a very unique way of demystifying complex topics, enabling participants to both be entertained, while at the same time acquiring a vast amount of knowledge in very short time frames. With over 25 years of performance arts experience, Alex is able to blend humor and learning into a very potent cocktail, creating a one-of-a-kind experience.

Program Description

Seminar 1 | April 21ˢᵗ | 9:00 – 17:00
Writing Optimal SQL
with Jonathan Lewis

This one-day seminar teaches attendees how to improve the performance of live systems by tuning inefficient SQL statements and by reducing the overheads of I/O. In many cases the system has already been designed, but there are structural features of the Oracle database that may provide a cost-effective solution despite problems that might be imposed by SQL itself. The course will cover methods of reviewing data distribution patterns, use of indexes, use of views (stored and inline), analytic functions, sub query factoring, as well as statistics, hints, and a brief review of execution plans.

Seminar 2 | April 22ⁿᵈ | 9:00 – 17:00
Aspects of Relational Theory
with Chris Date

This one-day seminar consists of four presentations covering different aspects of relational theory: "What is a Relational RDBMS", "How to Update Views", "Nulls, Three Value Logic, and Missing Information" and "The Closed World Assumption". Relational theory is the foundation of our field but few database practitioners have a really good understanding of that theory. SQL and relational theory are NOT the same thing! But database practitioners very typically have large gaps in their knowledge, gaps they might not even realize are there. The purpose of these presentations is to plug some of those gaps.

Seminar 3 | April 22ⁿᵈ and April 23ʳᵈ | 9:00–17:00
Oracle Database Security Audit Training Course with Pete Finnigan

This two-day seminar teaches attendees how to secure all data stored in Oracle databases. The class starts by getting everyone up to speed on the key issues that affect security in an Oracle database and showing how data is leaked by the database software itself. We cover how design and implementation decisions also affect the security of your data. We also look at common ways people abuse a database by hacking or using unauthorized actions to access data that they should not. We will walk through a complete detailed audit of an Oracle database covering all phases of the audit and highlight how to solve issues that are found. The class also includes planning for an audit, which tools to use, what to do after the audit and how to formulate a detailed report but also importantly an action plan of what to do after the audit. It is recommended to attend both days of this seminar, should you choose this track.

Seminar 4 | April 22ⁿᵈ | 9:00 – 17:00
Database Troubleshooting & Tuning
with Jonathan Lewis

This one-day seminar teaches attendees the differences between troubleshooting and tuning in an Oracle Database context. It explains why troubleshooting is easy but tuning is difficult, and covers the strategies that are best deployed in different situations. It will cover key targets, indicators and mechanisms for producing well-tuned systems and cover strategies for dealing with poorly performing live systems.

Seminar 5 | April 23ʳᵈ | 9:00 – 17:00
Time and Relational Theory
with Chris Date

This one-day seminar discusses the maintenance and processing of historical data, which is a requirement for many organizations. The ability to deal properly with the time dimension in databases has become an increasingly important practical problem for database practitioners. Mainstream DBMS products may include features that are specifically designed to help with this important requirement. This presentation describes and explains that theoretical ideal which is 100 percent consistent with the classical relational model. It also discusses the temporal support to be found in the SQL standard ("SQL:2011"). The presentation is in three parts. The first, "Laying the Foundations," explains some of the basic problems of temporal databases and lays the groundwork for solving those problems. The second, "Building on the Foundations," addresses a variety of practical issues, including temporal database design, temporal integrity constraints, and temporal update operations. Finally, "SQL Support," explains pertinent features of the SQL standard in detail.

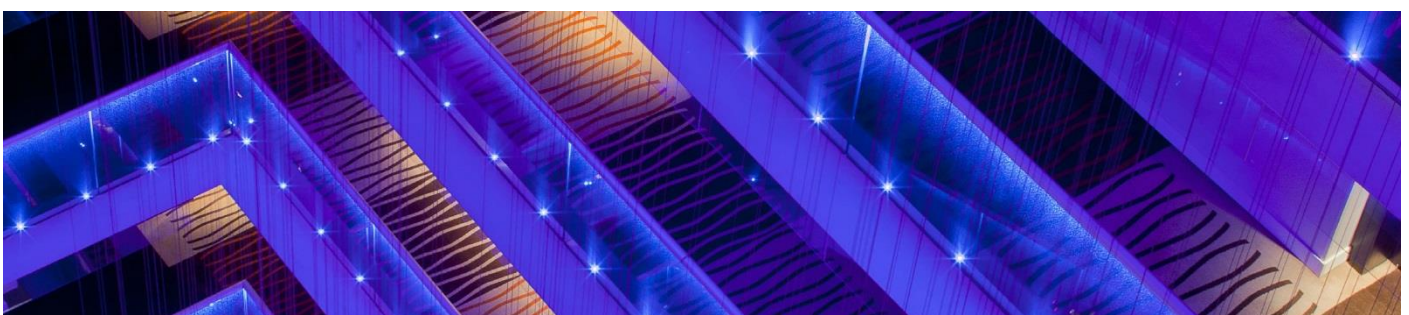**Seminar 6** | April 23ʳᵈ | 9:00 – 17:00
Data Modeler with Heli Helskyaho

This one-day seminar teaches students how to design databases with Oracle SQL Developer Data Modeler. It explains how Data Modeler works and how you can tune it to fit your needs better and to standardize your database design. It shows how a logical model is designed and how the transformation to relational and physical models is done. You will learn how to generate data definition scripts (DDLs) to create database objects. It also explores the tool's reporting capabilities and shows how to compare a database with a design to generate DDL ALTER statements to alter the database to meet design requirements. Finally the seminar will also demonstrate how version control works and how to maintain the design of an existing database.

Seminar 7 | April 23ʳᵈ | 9:00 – 17:00
Oracle Big Data Architectures and Market Trends with Alexandru Ciobanu

This seminar aims to cut through the clutter of Big Data and bring you closer to successful utilization of the technology. It will enable you to make better decisions on how and where to use Big Data. The seminar will provide a comprehensive technical introduction to the core components of Big Data, namely Hadoop and NoSQL, and discuss design patterns for successful Big Data and hybrid solution architecture. We will also look at how different concepts map to successful field implementations. This will enable you to evaluate technical problems to determine if Big Data could be a part of that solution, and to evaluate potential architectures targeted at solving complex technical issues.

Program Schedule

| **DAY 1**
21ˢᵗ April | 9:00 - 17:00 \| Seminar 1
**Writing Optimal SQL
with Jonathan Lewis** | | |

| **DAY 2**
22ⁿᵈ April | 9:00 - 17:00 \| Seminar 2
**Aspects of Relational
Theory with Chris Date** | 9:00 - 17:00 \| Seminar 3
**Oracle Database
Security Audit Training
Course
with Pete Finnigan** | 9:00 - 17:00 \| Seminar 4
**Database Trouble-
shooting & Tuning
with Jonathan Lewis** |
| **DAY 3**
23ʳᵈ April | 9:00 - 17:00 \| Seminar 5
**Time and Relational
Theory with Chris Date** | | 9:00 - 17:00 \| Seminar 6
**Data Modeler
with Heli Helskyaho** |

| **DAY 4**
24ᵗʰ April | 9:00 - 15:00 \| Seminar 7
**Oracle Big Data Architectures and Market Trends
with Alexandru Ciobanu** | | |

Extras!

- Roundtable Discussions on Summit Topics
- Technology Demos
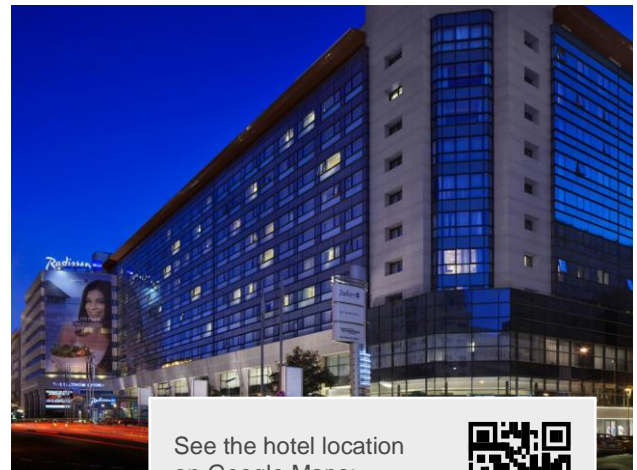- Certification and Training Consultations

Event Venue

Radisson Blu Hotel, Bucharest
Calea Victoriei, 63-81 Sector 1
10065 Bucharest, Romania

Phone: +40 21 31 19000
Website: radissonblu.com/hotel-bucharest

Oracle discounted single standard room
fee is 90 Euro + tax (breakfast included).

See the hotel location
on Google Maps:
goo.gl/maps/ECwqL

Registering for the Expert Summit, more information and assistance

One registration pass will get you access to all seven seminars.

REGISTER NOW

Please contact us for more information,
advice and registration.

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