



# Sessions and Speakers

**Autumn Conference 2017**  
November 17 – 19, Pravets

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TechnoLogica is a leading Bulgarian software company, which since 1990 has been developing a comprehensive range of information technology services including implementation of information systems, software development, consulting and specialized training. TechnoLogica is an Oracle Platinum Partner and a Microsoft Gold Certified Partner. It is an authorized education center for Oracle, the International Institute of Business Analysis (IIBA ®) and the Project Management Institute (PMI ®), as well as a certified test center for IIBA. TechnoLogica is consistently pursuing innovation by acquiring, adapting and further developing new technologies and creating technological tools. The company's product portfolio includes solutions for: HRM; CRM; BPM; PM; DW and BI; GIS; CAD/CAM; Development of custom software. The company has offices in the Bulgarian cities of Sofia, Plovdiv, Varna and Burgas, in the Republic of Macedonia and Republic of Serbia. Its team numbers more than 200 experts in various fields.








A	B
<p><b>Calling userdefined functions from SQL queries got faster in Oracle 12c.</b>  <b>Erik Van Roon, Oracle Database Developer/Consultant, EvROCS</b></p> <p><b>Conference session</b>  <b>DEV</b> <span style="border: 1px solid black; padding: 2px;">All levels</span></p> <p><b>Abstract:</b></p> <p>We should be careful with mixing SQL and PL/SQL.  The context switches between both engines can quickly kill performance.  For quite a long time now Oracle supports bulk operations in PL/SQL, minimizing these context switches when executing SQL from PL/SQL.  Version 12c of the database finally brings us similar enhancements for the other way around: the use of PL/SQL (function calls) from within a SQL statement.  In the latest and greatest edition subquery factoring (the with clause) can also include definitions of PL/SQL-functions and (yes, even) -procedures for use inside your query.  And then there is the option to compile functions and procedures in the database/packages for use by the SQL engine, using the udf pragma.  This presentation will show both features and how and when to put them to use.  It will show what the difference in performance will be, compared to each other and to using conventional function calls.  Furthermore it will highlight the pitfalls that can be encountered.</p> <div style="display: flex; align-items: flex-start;">  <div> <p><b>Speaker:</b></p> <p>Erik van Roon is an Oracle Developer who has worked with Oracle technology since 1995, specializing in, but not limiting to, SQL and PLSQL.  Since 2009 he is self-employed. His company is called EvROCS.  Prior to that he worked for several consulting companies in the Netherlands.</p> <p>He worked on major projects for several clients in industries like entertainment, banking and energy. He's has been the technical lead of multiple successful high impact data-migration projects moving and transforming large amounts of data. He's been a speaker at conferences like ODTUG's KScope, OGH Tech Experience and POUG. In 2015 Erik was nominated and selected to be a finalist in the SQL category of OTN Developers Choice Awards.</p> </div> </div>	<p><b>Times Ten Velocity Scale: Next Gen IMDB</b>  <b>Radu Parvu, Infrastructure Senior Principal, Accenture Enkitec Group</b></p> <p><b>Conference session</b>  <b>DB</b> <span style="border: 1px solid black; padding: 2px;">Intermediate</span></p> <p><b>Abstract:</b></p> <p>TimesTen In-Memory Database  History.  Product Architecture: TimesTen In-Memory Database.  Product Architecture: TimesTen Application-Tier Database Cache.  Product Architecture: TimesTen High Availability.  TimesTen Velocity Scale In-Memory Database  Product Architecture: HA and Throughput  Elastic Scalability  Data Distribution Methods  DB Fault Tolerance  TimesTen with SQL Developer and OEM</p> <div style="display: flex; align-items: flex-start;">  <div> <p><b>Speaker:</b></p> <p>Radu has over 15 years of experience in various database projects (mainly Oracle but other DBMS, too).  Radu holds License (one degree over Bachelor) of Engineering in Technological Physics from University of Bucharest.  Database Expertise:  Data migrations, database upgrades, backups, cloning and recovery  Oracle installation, configuration, patching and database tuning  Data Replication: Golden Gate, Advanced and materialized view replication, Oracle streams  Very large databases and Enterprise Manager Grid Control (OEM 12c Cloud Control)  HA: Real Application Clusters &amp; Oracle Data Guard  Database design, Master data management, Business Intelligence and Data Warehousing: Exadata  ETL data: export/import, SQL*Loader and Oracle Data Pump  MAA and DR: Maximum Availability Architecture and Disaster</p> </div> </div>

D	C
	<p><b>Cloud Native Microservices and DevOps</b> Georgi Moykin, Cloud Domain Consultant, ORACLE</p> <p><b>Conference session</b>  <b>CL</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>Cloud Native applications are shaking up traditional development to gain speed and flexibility.</p> <p>Containers, Micro Services and APIs are the new building blocks for modern development.</p> <p>Faster Releases, focus on business and lower TCO are now the core business values of DevOps.</p> <p>On this session I'll talk about how Oracle Cloud platform enables continuous integration &amp; delivery and usage of a polyglot development environment, open source, third party components, containers and microservices, enabling developers &amp; DevOps teams to rapidly and cost-effectively develop, deploy &amp; manage new cloud-native apps.</p> <p>I'll also show you how you can try this via the publicly available Oracle's DevOps and Cloud Native Microservices workshop.</p> <p><b>Speaker:</b></p>  <p>George has 20 years of combined experience in IT engineering: providing technical and business consultancy services on Cloud, Middleware, Business Processes, Integration and DevOps solutions with primary focus on Oracle Cloud Platform and Oracle Fusion Middleware domains, and generate and support opportunities to develop customer's business by engineering solutions on these domains, as well as performing technology due diligence and analysis, and defining technology architecture and digital transformation success criteria.</p>







A	B
<p><b><i>DevOps and Agile Methodology for Oracle Databases Projects</i></b>  <b>Greg Stachnick, Senior Principle Product Manager, ORACLE</b>  <b>Conference session</b>  <b>DEV</b> <span>All levels</span></p> <p><b>Abstract:</b>                      Agile development methodology &amp; DevOps automation carry the promise of delivering applications faster and responding to customer demand more accurately. How do you adopt these approaches when developing projects that revolve around the Oracle database?                      How do you manage code versions and team collaboration for PL/SQL &amp; SQL developers? How do you automate and control code to deploy cycles?                      How can you manage development teams and their tasks efficiently? How do you automate provisioning and configuration of multiple database instances?                      In this session we'll demonstrate unique capabilities offered by Oracle Developer Cloud Service for project management and DevOps automation of database-focused projects.</p> <div data-bbox="127 861 358 1093" data-label="Image"> </div> <p><b>Speaker:</b>                      Greg Stachnick is a Senior Principle Product Manager in the Oracle Development Tools and Mobility group. He currently manages Developer Cloud Service, Oracle Enterprise Pack for Eclipse, and Hudson Continuous Integration Server. Greg joined Oracle in 2008 and has been working in the developer productivity space since 2000. Greg is a frequent speaker at conferences on Eclipse, Java and JavaEE, Cloud, and Continuous Delivery topics.</p>	<p><b><i>So what actually ROLLBACK is?</i></b>  <b>Kamil Stawiarski</b>  <b>founder, ORA-600</b>  <b>Conference session</b>  <b>DBA</b> <span>All levels</span></p> <p><b>Abstract:</b>                      ROLLBACK. Sounds so simple. Just undo what has been done. But how? In this session, we will try to look at the transaction internals and check out why rollback is so slow and how this operation actually works in different scenarios including partial rollback on violating constraints.</p> <div data-bbox="1164 638 1377 869" data-label="Image"> </div> <p><b>Speaker:</b>                      Oracle Database Whisperer, performance maker and story teller. At the moment probably one of the youngest Oracle ACEs and Oracle Certified Masters in the world. Owner of the ORA-600 company and blogger (blog.ora-600.pl). Trainer in Oracle Partner Academy and IT School. Personally a big fan of Terry Pratchett: "Wisdom comes from experience. Experience is often a result of lack of wisdom."</p>

D	C
<p><b>Oracle Maximum Availability Architecture and Best Practices for Database Backup</b></p> <p>Cristian Termure, Hardware Sales Consultant, Oracle Romania Georgi Terziyski, Oracle Hardware sales, ORACLE</p> <p><b>Conference session</b>  <b>ST</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>This presentation is your chance to gain a better understanding of the threats to your data, and to learn how Oracle solutions can help you keep it secure, maintain application performance, and improve business efficiency—with security built in, not bolted on. Maximum Availability Architecture for Oracle Database - best practices for High Availability, Disaster Recovery, Backup &amp; Recovery.</p> <p><b>Speaker:</b></p> <div data-bbox="127 715 358 946">  </div> <p>Cristian Termure is an IT professional with more than 20 years of experience in hardware infrastructure. He has hands on experience with Sun and Oracle equipment, an extensive knowledge of industry trends and a deep understanding of customer needs. He has driven complex projects with computing, storage and networking from architectural design to deployment and production.</p> <div data-bbox="145 984 374 1198">  </div> <p>Part of Oracle Bulgaria for the last 3 years and responsible for Oracle hardware and infrastructure products. Keen in enterprise solutions and knowledge in Oracle portfolio including Core Tech, Applications and Cloud. Focus on delivering secured environment for running DB and Applications on Oracle products by providing high performance and availability.</p>	<p><b>Rapid Troubleshooting with APM Cloud Service and Deep Dive Diagnostics with Log Analytics Cloud Service</b></p> <p>Daniela Milanova, Cloud Technology Customer Advisor, ORACLE</p> <p><b>Conference session</b>  <b>CL</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>As a systems management service Oracle Management Cloud Service is designed from the outset to be a complete offering for traditional and modern IT architectures and software development including cloud and on-premises IT estates. It's built on a unified big data platform, ingesting data from every part of your IT stack, then using rich machine learning algorithms to deliver actionable insights across your entire IT estate, whether it's Oracle, Microsoft, AWS or a combination including on premises.</p> <p><b>Speaker:</b></p> <div data-bbox="1153 715 1456 970">  </div> <p>Daniela Milanova currently is Cloud Technology Customer Advisor for South and Central Europe including Bulgaria. Before joining Oracle in 2005 she worked as Oracle DBA consultant with strong background in system integration process in configuring scalable and high available database environments. Beside practical experience she has Oracle Certified Professional level of certification in Oracle Database (versions 8, 8i, 9i). Those days she delivered also Oracle University courses in Oracle Database Administration Track.</p>



A	B
<p><b>Handling errors during bulk DML operations</b>                      Erik Van Roon, Oracle Database Developer/Consultant, EvROCS  <i>Conference session</i>   <span>All levels</span></p> <p><b>Abstract:</b>                      Using bulk operations to do dml from plsql is a lot faster than processing row by row. However, during bulk dml some or all records may not be successfully created, modified or deleted.                      This presentation will be about some of the pitfalls in handling these errors using "save exception" and its alternative "log errors".                      Why is error_index a misleading name for that column in sql%bulk_exceptions? And how do you overcome the implications?                      What if a record fails halfway through multiple consecutive bulk operations on relationally dependent tables?                      Can log_errors be used as an alternative to using "save exceptions"?                      You will be given the answers to these and more questions and gain a better understanding of how to deal with errors in bulk operations.</p> <p><b>Speaker:</b>   Erik van Roon is an Oracle Developer who has worked with Oracle technology since 1995, specializing in, but not limiting to, SQL and PLSQL. Since 2009 he is self-employed. His company is called EvROCS. Prior to that he worked for several consulting companies in the Netherlands.                      He worked on major projects for several clients in industries like entertainment, banking and energy.                      He's has been the technical lead of multiple successful high impact data-migration projects moving and transforming large amounts of data.                      He's been a speaker at conferences like ODTUG's KScope, OGh Tech Experience and POUG.                      In 2015 Erik was nominated and selected to be a finalist in the SQL category of OTN Developers Choice Awards.</p>	<p><b>Oracle Database Security Evaluation</b>                      Robert Lockard , President, Oraclewizard  <i>Conference session</i>   <span>All levels</span></p> <p><b>Abstract:</b>                      We will walk through evaluating the security of your database implantation using Security Technical Implantation Guidelines.                      We will walk through three levels of security flaws. Level I flaws are defined as critical flaws. Level II flaws are serious flaws that need to addressed. Level III flaws are flaws that can be justified in production, but should be addressed if there is no justification.                      In addition we will walk through doing privilege analysis to determine what privileges are being used by a user.</p> <p><b>Speaker:</b>   Rob is an Oracle Database administrator, designer, developer, and project manager. For the past twenty years, Rob has specialized in Financial Intelligence, including tracking of money laundering, terrorist money and identity theft, along with Cyber Crimes tracking attacks on information systems. Within this focus, Rob evaluates, designs, and secures Oracle Database environment from threats both external and internal. Rob has long prioritized sharing his expertise in secure design with the user community, with presentations at conferences such as ODTUG's Kscope, blogging and webcasts. Rob enjoys flying vintage aircraft, racing sailboats, photography, and technical diving. He owns and flies the "Spirit of Baltimore Hon," a restored 1948 Ryan Navion, and lives in Glen Burnie Maryland on Marl</p>



D	C
<p><b>GDPR: What your IT team needs to know?</b>                      Ina Naydenova, Senior Consultant Software Development, TechnoLogica                      Stoyan Ivanov, Senior Database Administrator, TechnoLogica</p> <p><b>Conference session</b>  <b>BS</b> <span>All levels</span></p> <p><b>Abstract:</b>                      We will present the key points of the GDPR that affect your IT teams. In this session we will discuss some actions to be taken, the issues to be addressed, as well as some aspects that may complicate the implementation. More attention is paid to changes in the information systems. Some general recommendations to minimize the risk of non-compliance with the Regulation are given.</p> <p><b>Speaker:</b></p> <div style="display: flex;"> <div style="flex: 1;">  <p>Ina Naydenova is a specialist in development of information systems with over 16 years of experience. Currently she is a software consultant at TechnoLogica. Previously Ina was an assistant professor at Sofia University where she received her PhD in the field of Data Warehouse and Business Intelligence technologies.</p> </div> <div style="flex: 1;">  <p>Stoyan G. Ivanov is software specialist, working with Oracle Database since 1996 - as Oracle DBA, Oracle Trainer and implementer of Information systems based on Oracle DB. The last includes wide range of activities (specifications, design, development, deployment and maintenance) on diverse types of IS (including OLTP, DW and BI). His occupation in TechnoLogica includes projects in banks, public institutions, insurance companies, utility companies and other industries. Stoyan is one of the BGOUG founders and regularly attends BGOUG conferences, but rarely speaks on them.</p> </div> </div>	<p><b>Oracle Cloud for Dummies</b>                      Osama Mustafa , Principle Oracle Consultant, Gurus Solutions</p> <p><b>Conference session</b>  <b>CL</b> <span>All levels</span></p> <p><b>Abstract:</b>                      Cloud is no longer just an IT or Technology issue, cloud is becoming increasingly popular at organizations around the world as they are realizing that cloud has something for everyone, including business managers. Industry trends are showing that LOB leaders are taking more of a prominent role in decision making when it comes to adopting cloud applications for their department. So the question becomes, how do you talk cloud for those that lack IT vocabulary?</p> <p><b>Speaker:</b></p> <div style="display: flex;"> <div style="flex: 1;">  </div> <div style="flex: 1;"> <p>Osama Mustafa is Founder of Gurus Solutions Company, Oracle ACE, Creator/Director of Jordan Amman Oracle User Group the first Group in Jordan related to oracle technology, Author of the book Oracle Penetration Testing, Osama has been working on project and customer support in EMEA Region, Providing Database Implementation Solutions, his specialties Fusion middleware, In memory database Timesten, Exalytics and Exalogic machine, Include to this Osama Is frequently Speaker in Oracle User Groups around the world and one of RAC ATTACK event organizer, Fusion middleware ATTACK Organizer as well, he published articles in Oracle Magazine, OTECH magazine and UKOUG Oracle Scene magazine, Also he is Blogger and Certified Oracle Database and Fusion middleware, he assists with sharing his knowledge at</p> </div> </div>

14:30 – 15:15 | Friday

A	C

***How to stay relevant in the coming changes in the Information technology world***

**Georgi Aleksandrov, Country Managing Director, ORACLE**

**Conference session** , **KEYNOTE**





***Abstract:***

On premise vs. Cloud. What is the impact for the business world & as a consequence for the Information technology professionals.



***Speaker:***

George Alexandrov has been the Country Managing Director for Oracle in Bulgaria for the last 3 years. He is in his 9th year with the company. The previous 7 years of his career are spread between IBM, Netage and Orbitel.

A	C
<p><b>Optimizer Adaption from Oracle Database 11g to Oracle Database 12c Release 2</b>                      Nigel Bayliss, Optimizer Product Manager, ORACLE</p> <p>Conference session  DBA <span style="border: 1px solid black; padding: 2px;">Intermediate</span></p> <p><b>Abstract:</b></p> <p>Oracle Database 12c Release 1 introduced the Adaptive Oracle Optimizer, but even before this release, Oracle Database 11g employed cardinality feedback to take advantage of run-time information to improve SQL execution plans. This session is intended for those that would like to gain an insight into the Oracle Optimizer's adaptive features and how they have evolved over the years; right up to Oracle Database 12c Release 2. The session introduces you to how optimizer adaptive features behave, how they are controlled and how their effects can be monitored.</p> <div style="display: flex; align-items: flex-start;">  <p><b>Speaker:</b>                      Nigel has worked with Oracle technology for 19 years. He joined Oracle in 1996 and has been involved in a wide variety of roles including development, benchmarking, consulting and pre-sales. He is part of the Oracle Data Warehouse Product Management team and is the product manager for the Oracle Optimizer along with other aspects of Oracle's Data Warehousing core functionality.</p> </div>	<p><b>How to "sell" the Oracle Engineered Systems idea to your managers</b>                      Yavor Ivanov, DBA Manager, Paysafe Bulgaria EOOD</p> <p>Conference session  BS <span style="border: 1px solid black; padding: 2px;">All levels</span></p> <p><b>Abstract:</b></p> <p>All DBAs know there's no better than Oracle Exadata (or SPARC SuperCluster) to run Oracle database. Why then there are not that many exadatas running in Bulgaria? Because it's not the DBA to decide, it's the higher management. And the sad fact is the CFO does not care of "smart scans", "cell offloading" and the rest. In this presentation I will share my experience in "selling" the engineered systems idea to 3 CTOs, 3 CFOs and many directors I've been working with in the last few years. Hoping that my strategy will help the DBAs and DBA managers in Bulgaria to get more of those wonderful systems.</p> <div style="display: flex; align-items: flex-start;">  <p><b>Speaker:</b>                      There is that feeling when everything is working perfectly. When you know the data is protected. You know the service is guaranteed. The users are able to do their job, and you know they will be able to do it tomorrow, and the day after, and the year after that... The feeling when you know everything is done the way it is supposed to be done. It may have been hard work, but you know it's done properly.                      There is a point after which you just start to feel the system's pulse. And the data is the blood of the system.                      When I can sense that the system is working smoothly... this is the feeling that makes me happy.                      I like the data. I can feel the data. I care about the data.                      I'm mostly focused on the following areas:</p> <ul style="list-style-type: none"> <li>- High availability</li> <li>- Disaster recovery</li> <li>- Backup strategies</li> </ul> </div>

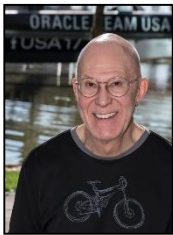
## Ten Rules for Doing a PL/SQL Performance Experiment

Bryn Llewellyn , Distinguished Product Manager, ORACLE

Conference session  DEV All levels

### Abstract:



I've all too often been asked to comment on a speed difference between two PL/SQL tests where each is presented to me as just SQL\*Plus spool files (prompts and all). Sometimes these are just copied and pasted into the text of an email. Often, the text of the second spool file differs from the text of the first in just a couple of tiny details. Worst of all, the times are measured, for just a single test run, using SET TIMING ON. And the times are shown, like "Elapsed: 00:00:12.36", with indefensible precision. Sometimes the times are shorter. This is no way to conduct a performance experiment! This session tells you how to do your experiment properly with reference to a real, and interesting, case study. I said "PL/SQL" in the title, because that's what I'm known for. But really, I'm talking about any single-user test that runs entirely inside Oracle Database. And I said "ten rules" because a talk has to have a catchy title. Of course there are many more rules than just ten.



### Speaker:

Bryn has worked in the software field for more than thirty-five years. He joined Oracle UK in 1990 at the European Development Center to work on the Oracle Designer team. He transferred to the Oracle Text team and then into consulting as the text specialist for Europe. He relocated to Redwood Shores in 1996 to join the Oracle Text Technical Marketing Group. He has been the product manager for PL/SQL since 2001. In 2005, he became responsible, additionally, for edition-based redefinition (EBR for short).

It's hard for Bryn to remember his life before Oracle. He started off doing image analysis and pattern recognition at Oxford University (programming in FORTRAN) and then worked in Oslo, first at the Norwegian Computing Center and then in a startup, programming in Simula.

A	C
<p><b>What's New in Java 9?</b>                      Trayan Iliev, CEO, IPT - Intellectual Products &amp; Technologies                      Conference session  DEV <span>All levels</span></p> <p><b>Abstract:</b>                      Since September 2017, Java 9 is generally available. It offers many enhancements:</p> <ul style="list-style-type: none"> <li>• Modularity – provides clear separation between public and private APIs with stronger encapsulation and flexible dependency management. Java no longer follows the “one size fits all” maxima, but enables tailor built runtimes for different platforms and containers. Examples show how to write, package and deploy modular, service-oriented apps with Java 9, including new tools, challenges, breaking changes and solutions to common problems.</li> <li>• JShell – using and customizing Java 9 interactive console shell by example</li> <li>• Process API updates – feature-rich, async OS process management and statistics</li> <li>• Building asynchronous HTTP/2 and WebSocket pipelines using HTTP/2 Client and CompletableFuture composition</li> <li>• Collection API updates</li> <li>• Reactive Streams, CompletableFuture and Stream API updates</li> <li>• Unified logging, stack walking, and other language enhancements (Project Coin)</li> <li>• JVM instrumentation and garbage collection changes;</li> <li>• Ahead of time compilation (AoT).</li> </ul> <p>All topics are accompanied by live demos available for further review @ <a href="https://github.com/iproduct">github.com/iproduct</a>.</p> <div data-bbox="129 1062 356 1294" data-label="Image"> </div> <p><b>Speaker:</b>                      Trayan is founder and CEO of IPT - Intellectual Products &amp; Technologies (<a href="http://iproduct.org/">http://iproduct.org/</a>) - IT consultancy and training company specialized in Java, web and mobile development. He is Oracle (SCJP6) &amp; OMG certified software developer, project consultant, and trainer with 15+ years experience. Clients include big international and top Bulgarian software, insurance and telecom companies. Trayan is frequent speaker at BGOUG, Bulgarian JUG, Voxxed Days, jPrime, jProfessionals, and EU ICT conferences on diverse topics ranging from novelties in Java EE, portlets, REST HATEOAS, React, Angular 2 to reactive robotics and IoT. He teaches students at Sofia University and organizes Java robotics and IoT hackathons (<a href="http://robolearn.org/">http://robolearn.org/</a>).</p>	<p><b>The Impact of the Electric Car on Society</b>                      Owen Hughes                      Conference session  BS <span>All levels</span></p> <p><b>Abstract:</b>                      If you want a technical session then do not come to this one. If you want a break from bits and bytes come along.                      Electric cars, and by extension electric autonomous vehicles are the future, a green and good thing. In this talk we will discuss the side effects of this technology and the impact it will have on society, the economy and future generations.</p> <div data-bbox="1256 683 1594 914" data-label="Image"> </div> <p><b>Speaker:</b>                      Owen Hughes has over 25 years experience in the IT industry and has worked in the database industry for most of this time. He has worked for various companies in EMEA in a variety of management positions. Owen holds a Bachelor of Science Degree in Computer Applications from Dublin City University and a Masters Degree in Technology Management from University College Dublin.</p>

***Laugh Your Way To Understanding Oracle, Queuing Theory & Performance***

Craig Shallahamer 🏆, President & DBA, OraPub

**Conference session** 🇬🇧 DBA All levels

**Abstract:**

It is true. You can laugh your way to understanding Oracle, queuing theory and performance analysis. From driving in traffic to being served at a restaurant, every person feels the impact of queuing theory. Queuing theory beautifully relates time and work into terms we can feel, like utilization, workload intensity, response time, elapsed time and systems architecture design. With only the basics we can use queuing theory to derive targeted performance solutions and goals, filter and evaluate any performance solution thrown at us and help non-technical people understand why our solutions make perfect sense. Join us for a shockingly practical and fun session that will impact your Oracle career and beyond.

**Speaker:**



Craig Shallahamer is a researcher, author, and teacher for 1000s of Oracle professionals. For over 28 years his focus has been Oracle performance analysis including firefighting and capacity planning. He is the founder and President of OraPub, an Oracle ACE Director, and regularly posts his newest research on his performance research blog, A Wider View. He can be reached at [craig@orapub.com](mailto:craig@orapub.com).



17:30 – 18:15 | Friday

A	C

17:30 – 18:15 | Friday

B+D

### ***DBAs versus Autonomous Databases***

**Julian Dontcheff** 🇦🇷, Managing Director, Accenture Global Database Lead, Accenture Enkitec Group

**Conference session** 🇬🇧 KEYNOTE









#### ***Abstract:***





Databases are going to the Cloud. Sooner or later. Most of them perhaps. How does this affect the DBA profession? Accenture conducted a battery of tests looking at Oracle databases in the cloud. Nearly half the world's data runs on Oracle databases, making them a valuable focal point for such tests. The load on those vital databases continues to grow: with 2.5 quintillion bytes of data being generated every day, the performance and scalability of the database in the cloud is increasingly important. With that in mind, Accenture conducted hundreds of tests across multiple applications, looking at performance, stability and costs—and the results demonstrated that Oracle Cloud technology is ready to handle the large, high-powered database workloads that are fundamental to critical enterprise applications. The presentation covers in detail the outcome of the results, the importance of autonomous databases with the upcoming Oracle 18c and the new trends in Oracle database technologies.





#### ***Speaker:***



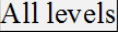


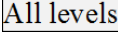







First Oracle Certified Master in Europe, Oracle ACE Director, more than 25 years of database experience

A	B
<p><b>Database and Application Server Security</b></p> <p>Robert Lockard , President, Oraclewizard</p> <p>Osama Mustafa , Principle Oracle Consultant, Gurus Solutions</p> <p>Conference session  DB <span>All levels</span></p> <p><b>Abstract:</b></p> <p>For years we have been locking down the software to protect information. This presentation puts the focus where it belongs: Subjects covered: <b>Identity Preservation:</b> Secure Oracle Application depend on different things, one of the most common way which is Oracle Identity and Access Management that allows to manage and automate the end-to-end lifecycle of user identities without human interaction , Oracle has developed and introduced a number of identity and access management features that will be discussed in this presentation to provide full dream solution about security". <b>Audit.</b> Identify what to audit based on your risks. Audit too much and you will get bogged down, too little audit and you may miss a breach of security.<b>Database encryption.</b> Encrypting the database, the tablespace, the tables or atomic data? What is the cost and how do you accomplish it.<b>Backup encryption.</b> What are the risks of losing a backup tape? How to encrypt backups using RMAN.<b>Data redaction.</b> Who gets to see sensitive data? Do you want to expose credit card numbers or other PII to users? Introduction on how to setup data redaction.<b>Data Masking.</b> Do you refresh the test or QA environment from product.</p> <p><b>Speaker:</b></p> <div data-bbox="120 895 333 1137">  <p>Rob is an Oracle Database administrator, designer, developer, and project manager. For the past twenty years, Rob has specialized in Financial Intelligence, including tracking of money laundering, terrorist money and identity theft, along with Cyber Crimes tracking attacks on information systems. Within this focus, Rob evaluates, designs, and secures Oracle Database environment from threats both external and internal. Rob has long prioritized sharing his expertise in secure design with the user community, with presentations at conferences such as ODTUG's Kscope, blogging and webcasts. Rob enjoys flying vintage aircraft, racing sailboats, photography, and technical diving. He owns and flies the "Spirit of Baltimore Hon," a restored 1948 Ryan Navion, and lives in Glen Burnie Maryland on Marl.</p> </div> <div data-bbox="120 1166 333 1377">  <p>Osama Mustafa is Founder of Gurus Solutions Company, Oracle ACE, Creator/Director of Jordan Amman Oracle User Group the first Group in Jordan related to oracle technology, Author of the book Oracle Penetration Testing, Osama has been working on project and customer support in EMEA Region, Providing Database Implementation Solutions, his specialties Fusion middleware, In memory database Timesten, Exalytics and Exalogic machine, Include to this Osama Is frequently Speaker in Oracle User Groups around the world and one of RAC ATTACK event organizer, Fusion middleware ATTACK Organizer as well, he published articles in Oracle Magazine, OTECH magazine and UKOUG Oracle Scene magazine, Also he is Blogger and Certified Oracle Database and Fusion middleware, he assists with sharing his knowledge.</p> </div>	<p><b>Automate DBA Tasks With Ansible</b></p> <p>Ivica Arsov , Senior Database Consultant, Pythian</p> <p>Conference session  DBA <span>All levels</span></p> <p><b>Abstract:</b></p> <p>Every time you find yourself doing the same thing over and over, have you asked your self: How can I automate this? Nowadays cloud vendors are a major driving force for automation in the IT industry. This presentation focuses on the increasing role of automation and how it impacts the way Database Consultants and Administrator job is evolving. You will learn how you can decrease boring tasks and free up time for value-add work. We will take a detailed look at Ansible engine with which we can automate repetitive tasks.</p> <p><b>Speaker:</b></p> <div data-bbox="1373 778 1574 1010">  </div> <p>Ivica is an Oracle Certified Master 12c and 11g, and a recognized member of the Oracle ACE Program as an Oracle ACE Associate. He is a blogger and active contributor to the Oracle community and presents at many technology conferences. Known for his deep Oracle expertise and ability to troubleshoot quickly and efficiently, Ivica has the skills to solve problems quickly regardless of size and complexity. He is passionate about database performance and stability.</p>



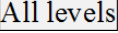



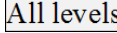

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<p><b>Visual HTML5/JavaScript/REST Development with Oracle ABCS</b>  <b>Greg Stachnick, Senior Principle Product Manager, ORACLE</b>  <b>Conference session</b>  <b>DEV</b> <span>All levels</span></p> <p><b>Abstract:</b>                      The combination of HTML5 &amp; JavaScript front-ends with REST-based backend services is becoming the de-facto standard for cloud-age app architecture. However, getting developers up-to-speed and productive with such a technology stack can be challenging. In this session we'll discuss and demo how new tools and frameworks simplify adoption of this architecture with low-code development platforms that are extensible with standard open-source technologies.</p> <p><b>Speaker:</b>                        Greg Stachnick is a Senior Principle Product Manager in the Oracle &amp; Development Tools and Mobility group. He currently manages Developer Cloud Service, Oracle Enterprise Pack for Eclipse, and Hudson Continuous Integration Server. Greg joined Oracle in 2008 and has been working in the developer productivity space since 2000. Greg is a frequent speaker at conferences on Eclipse, Java and JavaEE, Cloud, and Continuous Delivery topics.</p>	<p><b>API Platform – use cases for financial institutions</b>  <b>Georgi Moykin, Cloud Domain Consultant, ORACLE</b>  <b>Conference session</b>  <b>CL</b> <span>All levels</span></p> <p><b>Abstract:</b>                      Driven by the regulatory environment, the rise of Fintechs, technology innovations, and the wave of millennial customers, today's banks are at a critical tipping point regarding how to successfully grow the business.                      Open Bank API's are quickly becoming the operating system of the new Financial Services digital economy.                      However, API enablement projects are often undertaken without early consideration for unpredictable volume, resilience and absolute security characteristics.                      On this session I'll talk about how Oracle API Platform Cloud Service enables financial institutions to implement Open Bank API's not only for compliance to regulation like PSD2, but also for immediate monetization of API's, collaboration and digital transformation of the bank.                      I'll also do a short demo on Oracle API Platform Cloud Service.</p> <p><b>Speaker:</b>                        George has 20 years of combined experience in IT engineering: providing technical and business consultancy services on Cloud, Middleware, Business Processes, Integration and DevOps solutions with primary focus on Oracle Cloud Platform and Oracle Fusion Middleware domains, and generate and support opportunities to develop customer's business by engineering solutions on these domains, as well as performing technology due diligence and analysis, and defining technology architecture and digital transformation success criteria.</p>




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<p><b>Dances with cursors</b> Dmitry Remizov, Database community local lead, Deutsche Bank <b>Conference session</b>  <b>DB</b> <span style="border: 1px solid black; padding: 2px;">Intermediate</span></p> <p><b>Abstract:</b> I'm going to discuss in a very low level detail how Oracle do cursors execution. TNS protocol will be deciphered for several important cases. Hard parse, soft parse, softer soft parse, no parse and others will be discussed in details. PS Cursors execution mechanics knowledge is vital for any high-loaded OLTP(or mixed) system.</p> <p><b>Speaker:</b> Dmitry Remizov is Oracle OCE, having 15+ year experience in Oracle technologies (database/Java/Weblogic, etc.), mixed DBA/DBD skills. He made a set of national level internet projects in Russia, like kontramarka.ru, sonystyle.ru, etc. Last years he is working for big international bank as a database developers team lead. <a href="https://dmitryremizov.wordpress.com/">https://dmitryremizov.wordpress.com/</a> is my personal blog.</p>	<p><b>Maximizing Oracle Buffer Cache Throughput</b> Craig Shallahamer , President &amp; DBA, OraPub <b>Conference session</b>  <b>DBA</b> <span style="border: 1px solid black; padding: 2px;">Intermediate</span></p> <p><b>Abstract:</b> Part of our job as an Oracle DBA is to understand the buffer cache and maximize the work flowing through it. This presentation focuses squarely on identifying and resolving free buffer waits. We start by developing a clear understanding of the relevant Oracle Cloud internals and then develop solutions by focusing on tweaking Oracle, the application (including the SQL), and the operating subsystem. This is a very practical yet deep internals presentation, filled with amazing discoveries about how Oracle works.</p> <p><b>Speaker:</b>  Craig Shallahamer is a researcher, author, and teacher for 1000s of Oracle professionals. For over 28 years his focus has been Oracle performance analysis including firefighting and capacity planning. He is the founder and President of OraPub, an Oracle ACE Director, and regularly posts his newest research on his performance research blog, A Wider View. He can be reached at <a href="mailto:craig@orapub.com">craig@orapub.com</a>.</p>





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<p><b>Java 9 security enhancements in practice</b>  <b>Martin Toshev, IT Consultant, BG Java User Group</b>  <b>Conference session</b>   </p> <p><b>Abstract:</b></p> <p>Apart from cool new features like the Java module system, a new process API and a brand new Java shell Java 9 also brings a lot of cool new security enhancements. These include DTLS (Datagram Transport Layer Security), extensions to the TLS negotiation, default PKCS12 stores and others. These may sound a bit specific at first and one may ask: what are their practical applications ? In the session we will demonstrate all those new features in a series of examples with some gory details.</p> <div data-bbox="127 676 367 906" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Martin is a Java enthusiast. He is a graduate of Computer Science from the University of Sofia. He is also a certified Java professional (SCJP6) and a certified IBM cloud computing solution advisor. His areas of interest include the wide range of Java-related technologies (such as Servlets, JSP, JAXB, JAXP, JMS, JMX, JAX-RS, JAX-WS, Hibernate, Spring Framework, Liferay Portal and Eclipse RCP), cloud computing technologies, cloud-based software architectures, enterprise application integration, relational and NoSQL databases. He is also an OpenJDK contributor and teaches courses on database programming and administration with Oracle RDBMS and MySQL. You can reach him for any Java and FOSS-related topics (especially OpenJDK and Eclipse IDE).</p>	<p><b>Distributed Data Mining for e-Health, Case Study</b>  <b>Georgi Nalbantov, Manager, Private Individual</b>  <b>Conference session</b>   </p> <p><b>Abstract:</b></p> <p>A case study in oncology on building machine learning models using simultaneously data from data bases of 5 hospitals from 3 countries. There is no centralization of the data, solving the data-privacy problem, and the data is semantic interoperable, solving the data setup problem for learning.</p> <div data-bbox="1167 616 1393 845" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Georgi is an expert in data mining modeling and predictive analytics. He has worked in areas ranging from medical data mining to economics and marketing. He has received his PhD in Econometrics and Computer Science from Erasmus University Rotterdam in 2008, and has 40+ academic publications. In his pare time he is a lecturer at Sofia University in the area of Statistical Learning.</p>








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<p><b>Guarding your data behind a hard shell PL/SQL API—the detail</b></p> <p>Bryn Llewellyn , Distinguished Product Manager, ORACLE</p> <p><b>Conference session</b>  <b>DEV</b> <span style="border: 1px solid black; padding: 2px;">All levels</span></p> <p><b>Abstract:</b></p> <p>I've taken my “Why Use PL/SQL?” talk around the conference circuit and published the companion whitepaper on on the PL/SQL blog. It was a high-level account that appealed to common sense and to abstract principles of computer science. This session takes the opposite approach. It tells you in practical detail how to ensure that the hard shell of the database’s PL/SQL API is impenetrable by addressing code organization and security. It advocates a four-schema model (data, code implementation, API, and connect) using only invokers rights units together with code-based access control to honor the principle of least privilege. The approach is refined by explicit control of “inherit privileges, the “accessible by” whitelist, and secure error handling. And scrupulous care is taken to ensure that the privileges needed for installation and patching are not available at run-time. I will present real code and demonstrations.</p> <p><b>Speaker:</b></p>  <p>Bryn has worked in the software field for more than thirty-five years. He joined Oracle UK in 1990 at the European Development Center to work on the Oracle Designer team. He transferred to the Oracle Text team and then into consulting as the text specialist for Europe. He relocated to Redwood Shores in 1996 to join the Oracle Text Technical Marketing Group. He has been the product manager for PL/SQL since 2001. In 2005, he became responsible, additionally, for edition-based redefinition (EBR for short). It's hard for Bryn to remember his life before Oracle. He started off doing image analysis and pattern recognition at Oxford University (programming in FORTRAN) and then worked in Oslo, first at the Norwegian Computing Center and then in a startup, programming in Simula.</p>	<p><b>The old good SQL*Plus - tuning SQL queries by using SQL*Plus</b></p> <p>Boris Gyurov, Director, IT Knowledge Ltd</p> <p><b>Conference session</b>  <b>DBA</b> <span style="border: 1px solid black; padding: 2px;">Intermediate</span></p> <p><b>Abstract:</b></p> <p>Today we use more and more GUI tools and almost forgot about the old good SQL*Plus. However, using autotrace remains the handiest way to experiment, diagnose and tune SQL Statements. Combined with DBMS_XPLAN and DBMS_SPM, we can achieve results, hardly achievable by OEM. The presentation explains the autotrace feature, going in details about the information presented and its interpretation. Further DBMS_XPLAN and DBMS_SPM are discussed. All illustrated by examples</p> <p><b>Speaker:</b></p>  <p>20 years of experience in the Oracle Technologies          Oracle 8,8i,9i,10g,11g Certified Database Administrator,          5 years of experience as Oracle Support Engineer – Oracle Bulgaria          Consultant, Trainer and presenter.</p>








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<p><b>Java Best Practices for Developing and Deploying against Oracle Database Cloud services</b></p> <p><b>Kuassi Mensah, Director, Product Management, ORACLE</b></p> <p><b>Conference session</b>   </p> <p><b>Abstract:</b></p> <p>This talk is for Java developers looking for best practices, clarifications or answers to questions around developing and deploying Java Web apps against Oracle database in the Cloud.</p> <p>The session will first give an overview of Oracle database Cloud Services including EECS, DBCS, DBCS BM, etc.</p> <p>Then, for each service, explain and demo the steps for configuring plain Java/JDBC apps, Java Servlet, Java EE Container, and Java IDEs to access it.</p> <div data-bbox="129 754 358 986">  </div> <p><b>Speaker:</b></p> <p>Kuassi Mensah is Director of Product Management for Java products for the Database (Oracle JDBC, Java in the Database, UCP, DRCP, Application Continuity), Hadoop products for the database (Oracle In-Database Container for Hadoop, Oracle Table Access for Hadoop). Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He has published several articles and a book  @ <a href="http://www.amazon.com/exec/obidos/ASIN/1555583296">http://www.amazon.com/exec/obidos/ASIN/1555583296</a>  He is is a frequent speaker at Oracle and IT events and maintains a blog  @ <a href="http://db360.blogspot.com">http://db360.blogspot.com</a>, as well as facebook, linkedin, and twitter (@kmensah) pages.</p>	<p><b>How to make OBIEE mass data extraction tool ?!</b></p> <p><b>Hristo Pantelev, Senior Administrator, VIVACOM</b></p> <p><b>Conference session</b>   </p> <p><b>Abstract:</b></p> <p>Various optimizations of different BI components and configuration files to increase the bandwidth of the system. Monitoring and dimensioning of Java Heap Size according to system type, free memory and load. Additional tasks for automatic component restarts when free memory is critical low and stucked BI Scheduler. An exemplary Python administrative bot to automate activities such as changing a repository, refreshing metadata and clearing cache.</p> <div data-bbox="1160 683 1438 960">  </div> <p><b>Speaker:</b></p> <p>A long-time employee of Vivacom. I started as a BI specialist and was involved in developing, enriching and optimizing the data warehouse and RDA with a variety of objects. I have participated in the testing and implementation of BI 11g and solving of some problems after installing the production environment. I'm a Senior BI Administrator for almost a year thanks to my rich experience due to the need for sizing of systems and additional BI12c settings and customizations. My recent tasks are related to the automation of some regular tasks that need to be done in out of office hours.</p>

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<p><b>Semantic Technology in Oracle Database 12c</b>                      Martin Toshev, IT Consultant, BG Java User Group</p> <p><b>Conference session</b>  <b>DB</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>The web is expanding more and more towards a global network of data endpoints that provide the basis of Web 3.0 as a global linked data network. In this expansion of the modern web Oracle RDBMS plays a significant role in providing means for exposing structured/unstructured data using the building blocks of the semantic web as proposed by w3 series of standards. In this session we will see what capabilities does Oracle database 12c provide in order to bridge the gap between the relational and the semantic worlds.</p> <div data-bbox="127 707 367 938" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Martin is a Java enthusiast. He is a graduate of Computer Science from the University of Sofia. He is also a certified Java professional (SCJP6) and a certified IBM cloud computing solution advisor. His areas of interest include the wide range of Java-related technologies (such as Servlets, JSP, JAXB, JAXP, JMS, JMX, JAX-RS, JAX-WS, Hibernate, Spring Framework, Liferay Portal and Eclipse RCP), cloud computing technologies, cloud-based software architectures, enterprise application integration, relational and NoSQL databases. He is also an OpenJDK contributor and teaches courses on database programming and administration with Oracle RDBMS and MySQL. You can reach him for any Java and FOSS-related topics (especially OpenJDK and Eclipse IDE).</p>	<p><b>Statistics gathering in Oracle 12.2</b>                      Joze Senegacnik , Owner, DBProf</p> <p><b>Conference session</b>  <b>DBA</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>Statistics advisor is new feature in Oracle12R2 which helps analyzing statistics gathering and validating the quality of statistics already gathered. It is worth to look at this new feature in order to understand how we can improve the process of statistics gathering. Statistics plays the major role in cost based optimization and feeding the Optimizer with non-relevant statistics could (and will) result in suboptimal execution plans.</p> <div data-bbox="1164 691 1337 922" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Joze Senegacnik has more than 29 years of experience in working with Oracle products. He began in 1988 with Oracle Database version 4 while working for the City of Ljubljana, where he had charge over the city's municipal and geographic information systems. From 1993 to 2003, he worked in developing GIS systems for the Surveying and Mapping Authority of the Republic of Slovenia, and in the development of applications for other governmental institutions, all based on the Oracle database. More recently, he has specialized in performance optimization, having developed his own toolset for monitoring performance and analyzing trace files. Joze is an internationally recognized speaker, and a member of the highly respected OakTable Network (oaktable.net). He was awarded Oracle ACE and Oracle ACE</p>



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<p><b>A Practical Introduction to Blockchain</b>  Owen Hughes  <b>Conference session</b>  <b>BS</b> <span>All levels</span></p> <p><b>Abstract:</b>  As a novice NodeJS programmer I will take you on the journey I took to understand Blockchain and hope to show that it matters beyond financial services. I will touch on some a practical example with the (bad) code I have written.</p> <div data-bbox="127 584 468 815">  </div> <p><b>Speaker:</b>  Owen Hughes has over 25 years experience in the IT industry and has worked in the database industry for most of this time. He has worked for various companies in EMEA in a variety of management positions. Owen holds a Bachelor of Science Degree in Computer Applications from Dublin City University and a Masters Degree in Technology Management from University College Dublin.</p>	<p><b>Turning Oracle Tables into Hadoop, Spark, Flink and Beam Datasources</b>  Kuassi Mensah, Director, Product Management, ORACLE  <b>Conference session</b>  <b>DEV</b> <span>All levels</span></p> <p><b>Abstract:</b>  Big Data analytics applications running on Hadoop or Spark or Apache Flink or Apache Beam need corporate Master Data stored in Oracle database. You can either repeatedly copy Oracle tables over or join Big Data with Master Data across systems.  The session briefly introduces the majors Big Data frameworks including Hadoop, Spark, Flink and Beam; their strengths and limitations in the face of new streaming processing requirements; then how to turn Oracle Tables storing Master Data into Hadoop or Spark or Flink or Beam datasources thereby allowing joins with Big Data, without copying over.  The session also describes how to rewrite part of Big Data queries into Oracle SQL sub-queries pushed onto the Oracle database system, for parallel and direct access to Oracle tables; the performance optimizations including hooks in the JDBC driver for faster type conversions, pushing down predicates to Oracle, pruning partition based on the where clause, and projecting columns to reduce the amount of data returned to Hadoop, Spark, Flink and Beam.</p> <div data-bbox="1162 968 1391 1200">  </div> <p><b>Speaker:</b>  Kuassi Mensah is Director of Product Management for Java products for the Database (Oracle JDBC, Java in the Database, UCP, DRCP, Application Continuity), Hadoop products for the database (Oracle In-Database Container for Hadoop, Oracle Table Access for Hadoop). Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He has published several articles and a book  @ <a href="http://www.amazon.com/exec/obidos/ASIN/1555583296">http://www.amazon.com/exec/obidos/ASIN/1555583296</a>  He is is a frequent speaker at Oracle and IT events and maintains a blog  @ <a href="http://db360.blogspot.com">http://db360.blogspot.com</a>, as well as facebook, linkedin, and twitter (@kmensah) pages.</p>

A	B
<p><b>VOODOO - the black magic of cheap cross-database replication</b></p> <p>Kamil Stawiarski   , founder, ORA-600            Marcin Rydz, co-founder, ORA-600</p> <p><b>Conference session</b>   <span>All levels</span></p> <p><b>Abstract:</b></p> <p>The history why we wrote our own replication tool between Oracle and PostgreSQL with a bit of low level archivelog architecture explanation.</p> <ul style="list-style-type: none"> <li>- We should buy a bar!</li> <li>- Of course, we should buy a bar!!! Brilliant why we didn't think about it earlier!?</li> <li>- Do you have a few hundred thousand euros?</li> <li>- A pint then?</li> <li>- A pint then.</li> </ul> <p>We all want to have a bar and drive a Porsche... But in most of the cases, we can afford only a few pints and drive with a VW. Replication engines are expensive and buying something like Golden Gate when you only have SE database and you want to replicate it to PostgreSQL is like buying a single malt to make Cola taste more bearable. That's why we wrote our own replicator tool. A simple one. A cheap one. Nothing fancy. But it works. And we will use this subject as an excuse to show some low-level archivelog tricks. It will be a live demo, showing how to resolve replication problems in heterogeneous database environment without spending lots of money:)</p> <div data-bbox="129 1029 342 1262" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Oracle Database Whisperer, performance maker and story teller. At the moment probably one of the youngest Oracle ACEs and Oracle Certified Masters in the world. Owner of the ORA-600 company and blogger (blog.ora-600.pl). Trainer in Oracle Partner Academy and IT School. Personally a big fan of Terry Pratchett: "Wisdom comes from experience. Experience is often a result of lack of wisdom."</p> <p><b>Marcin Rydz:</b> A database-and-Oracle-application-tamer. An eternal wanderer with experience gained across many industries, from geodesy through banking to insurance and sales. Over a period of eight years, Marcin has been involved in seventeen projects implemented in three countries. Thanks to this experience he excels in many technologies of such fancy names as: eBS, BI, BIP, FlexCube, APEX, Forms&amp;Reports, CC&amp;B, DWH...etc.</p>	<p><b>Playing with Oracle on Docker containers</b></p> <p>Osama Mustafa  , Principle Oracle Consultant, Gurus Solutions</p> <p><b>Conference session</b>   <span>All levels</span></p> <p><b>Abstract:</b></p> <p>Docker containers wrap up a piece of software in a complete filesystem that contains everything it needs to run: code, runtime, system tools, and system libraries – anything you can install on a server. This guarantees that it will always run the same, regardless of the environment it is running in. Oracle WebLogic Server is now certified to run on Docker containers, not only weblogic learn how to use it with databases</p> <div data-bbox="1164 686 1377 917" data-label="Image"> </div> <p><b>Speaker:</b></p> <p>Osama Mustafa is Founder of Gurus Solutions Company, Oracle ACE, Creator/Director of Jordan Amman Oracle User Group the first Group in Jordan related to oracle technology, Author of the book Oracle Penetration Testing, Osama has been working on project and customer support in EMEA Region, Providing Database Implementation Solutions, his specialties Fusion middleware, In memory database Timesten, Exalytics and Exalogic machine, Include to this Osama Is frequently Speaker in Oracle User Groups around the world and one of RAC ATTACK event organizer, Fusion middleware ATTACK Organizer as well, he published articles in Oracle Magazine, OTECH magazine and UKOUG Oracle Scene magazine, Also he is Blogger and Certified Oracle Database and Fusion middleware, he assists with sharing his knowledge at</p>

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<p><b>Supply Chain Management with Oracle Cloud R13</b>                      Javier Huerta, Manager, KPMG Spain                      Conference session  APPS <span>All levels</span></p> <p><b>Abstract:</b>                      The release 13 of Oracle Cloud Applications come with a big pack of new features. This new release will allow to the companies to manage the Supply Chain with Oracle Cloud Applications. I will explain which is this new functionality and will perform a short demo.</p> <div data-bbox="127 616 356 845" data-label="Image"> </div> <p><b>Speaker:</b>                      Javier has more than 13 years' experience implementing Oracle ERPs (EBS and Fusion Cloud) as analyst, consultant, team lead and financial functional architect. He has developed most of his career in international projects implementing Oracle Applications across Europe, US and Latam. Javier is Oracle Application Practice Manager at KPMG Spain.</p>	<p><b>Oracle Enterprise Metadata Management</b>                      Tanya Stoyanova, Technical Team Leader, TechnoLogica                      Conference session  BI <span>All levels</span></p> <p><b>Abstract:</b>                      Oracle Enterprise Metadata Management (OEMM) is a comprehensive metadata management platform. OEMM can harvest and catalog metadata from virtually any metadata provider, including relational, Hadoop, ETL, BI, data modeling, and many more. OEMM however is not just a metadata repository, OEMM allows for interactive searching and browsing of the metadata as well as providing data lineage, impact analysis, semantic definition and semantic usage analysis for any metadata asset within the catalog. This session will introduce the Oracle Enterprise Metadata Management tool and it usage.</p> <div data-bbox="1167 751 1395 981" data-label="Image"> </div> <p><b>Speaker:</b>                      Tanya has been working with Oracle products since 1999. Recently she is doing mainly Datawarehouse and Business Intelligence projects. She is an Oracle Business Intelligence Foundation 10 Certified Implementation Specialist and an Oracle Business Intelligence Foundation Suite 11g Certified Implementation Specialist. She has been member of the BGOUG Board of Directors since 2001.</p>













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<p><b>ORDS for beginners - build WebServices in APEX and use them in Python</b> Marcin Rydz, co-founder, ORA-600 <b>Conference session</b>  <b>DEV</b> <span>All levels</span></p> <p><b>Abstract:</b> The session will be a live demo show of building a new web service using ORDS and using it to process some data with Python engine based on experience with V00D00 replication system.</p> <p><b>Speaker:</b> A database-and-Oracle-application-tamer. An eternal wanderer with experience gained across many industries, from geodesy through banking to insurance and sales. Over a period of eight years, Marcin has been involved in seventeen projects implemented in three countries. Thanks to this experience he excels in many technologies of such fancy names as: eBS, BI, BIP, FlexCube, APEX, Forms&amp;Reports, CC&amp;B, DWH...etc.</p>	<p><b>MySQL in docker containers</b> Georgi Kodinov, Senior Software Development Manager, ORACLE <b>Conference session</b>  <b>DBA</b> <span>All levels</span></p> <p><b>Abstract:</b> This session covers what Docker is, how MySQL fits in, and why it makes sense to use them together. You'll then learn how to leverage Oracle's official MySQL Docker containers to improve your own development operations.</p> <p><b>Speaker:</b>  Georgi "Joro" Kodinov started as a MySQL developer in 2006. He's currently a team lead for the MySQL Server General Team. The team handles mysql security, performance monitoring, GIS and client tools. Georgi works out of his home office in Plovdiv, Bulgaria.</p>



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<p><b><i>Understanding and Preparing for Oracle DBA Certification Exams</i></b></p> <p>Joel Goodman  , Global Technical Lead, Database Certifications, ORACLE</p> <p><b>Conference session</b>  <b>BS</b> <span>All levels</span></p> <p><b>Abstract:</b></p> <p>This Web Seminar is designed to help Database Administrators understand the benefits of Oracle Certification for DBAs and to understand the current DBA certification tracks for Oracle Database 11g and 12c. It begins by discussing the benefits of certification for employees and employers, the certification tracks for DBAs and publications from the certification team. It continues by explaining how exams are developed, the difference between "learner" style items and "practitioner" style items, and the process of exam development. It concludes with tips on preparing for the OCA, OCP and OCE theory style exams as well the the OCM practical style exams.</p> <p><b>Speaker:</b></p> <p>Joel Goodman has been in the computing industry for 41 years after obtaining his degree in Computer Information Sciences. He has 23 years experience with Oracle DBA technology in support, consulting and training. He is the Global Technical Lead for Database Certifications and he speaks on a variety of advanced DBA topics. Joel is responsible for all DBA OCA, OCP, OCE and OCM exam content. He is a regular speaker at various EMEA Oracle conferences and a member of the Oak Table network of Oracle DBA professionals. He also assists OU Curriculum Development as a Subject Matter Experts providing design advice and Quality Assurance during course development.</p>	





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<p><b>Discussion over beers „Local companies IT readiness for support business in addressing EU GDPR requirements that will be effective from May, 2018“</b></p> <p>Daniela Milanova, Cloud Technology Customer Advisor, ORACLE</p> <p><b>Discussion</b>   All levels</p> <p><b>Abstract:</b></p> <p>Facts in short: GDPR is a regulation, not a directive. The aim of the GDPR is to protect all EU citizens from privacy and data breaches in an increasingly data-driven world business. It will apply to the processing of personal data by controllers and processors in the EU, regardless of whether the processing takes place in the EU or not.</p> <p>IT Need: Correspondingly IT Operations should support data processors and data controllers IT systems in respond to GDPR Articles in order to provide data subject rights: Right to Access, Right to be Forgotten, Privacy by Design and Default, Data Portability and Breach Notification.</p> <p>Oracle: Oracle as cloud provider expands its European data centre capacity (Frankfurt, Germany) to help meet firms' compliance with the forthcoming EU GDPR.</p> <p>The discussion: This discussion will bring attention to local companies IT DGPR readiness that well knows Oracle technology but still haven't high priority from business about it. If they are ready or not is a question with complicated and not easy answer. The difficulty for an easy respond to GDPR comes from fact the GDPR ultimately leaves with the organizations responsible for implementing a security framework the decision and responsibility to choose the appropriate measures that guarantee confidentiality, integrity, availability, and resilience of data and systems. If there is no such measures recognized by business and legal than what? From the other side Oracle has an extensive value proposition to help address GDPR requirements that impact data inventory (art. 30), risk awareness (art.35), application modification (art. 15-20), and architecture integration (art. 5, 24, 25, 28, 32, 34). So, we can discuss the well known Oracle security capabilities and technologies in the GDPR regulation spotlight. Talking for it will not complete our task but will make us ready for managing it better.</p> <p><b>Speaker:</b></p>  <p>Daniela Milanova currently is Cloud Technology Customer Advisor for South and Central Europe including Bulgaria. Before joining Oracle in 2005 she worked as Oracle DBA consultant with strong background in system integration process in configuring scalable and high available database environments. Beside practical experience she has Oracle Certified Professional level of certification in Oracle Database (versions 8, 8i, 9i). Those days she delivered also Oracle University courses in Oracle Database Administration Track.</p>	<p><b>Discussion over beers „Patching &amp; upgrading“</b></p> <p>Joze Senegacnik  , Owner, DBProf</p> <p>Julian Dontcheff , Managing Director, Accenture Enkitech Group</p> <p>Robert Lockard , President, Oraclewizard</p> <p>Kamil Stawiarski  , founder, ORA-600</p> <p>Nigel Bayliss, Optimizer Product Manager, ORACLE</p> <p><b>Discussion</b>   All levels</p> <p><b>Abstract:</b></p> <p>This time the topic for discussion over beers is dedicated to patching and upgrades. In recent years patching became almost obligatory due to so many security leaks and nasty bugs. Patches should be “safe”, are they really? The other topic for discussion are upgrades. A major problem with upgrades is the application stability in terms of respecting SLA and providing already accepted performance. What and how the new release should be tested before going live? How much work developers need to invest before upgrade is done? Why we should upgrade the database if we don't need new features – just because it will be desupported? The main goal of this debate is exchanging the experience, good or bad, and practice that different companies have established in recent years.</p> <p><b>Moderator:</b></p>  <p>Joze Senegacnik has more than 29 years of experience in working with Oracle products. He began in 1988 with Oracle Database version 4 while working for the City of Ljubljana, where he had charge over the city's municipal and geographic information systems. From 1993 to 2003, he worked in developing GIS systems for the Surveying and Mapping Authority of the Republic of Slovenia, and in the development of applications for other governmental institutions, all based on the Oracle database. More recently, he has specialized in performance optimization, having developed his own toolset for monitoring performance and analyzing trace files. Joze is an internationally recognized speaker, and a member of the highly respected OakTable Network (oaktable.net). He was awarded Oracle ACE and Oracle ACE</p>

17:30 – 18:30 | Saturday

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