



Sessions and Speakers

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June 2nd – 4th, 2017, Pravets

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A	B
<p><i>Mining the AWR v1: Alternative Methods for Identification of the Top SQLs</i></p> <p>Maris Elsins 🇬🇧, Lead Database Consultant, Pythian</p> <p>Conference session, 🇬🇧, DBA, <u>Intermediate</u></p> <p>Abstract:</p> <p>We can use AWR reports to quickly identify the SQL_IDs of the top statements in the database. But what if the AWR report reveals no "low-hanging fruit," and the resource usage is evenly distributed among multiple statements? Where do we start? Is there a better way to identify the starting point for the tuning of a resource-bound system? This presentation will explain when the AWR reports are misleading and how we can take a look at the data stored in AWR from a different angle to determine the top consumers. Discussion will include a practical demonstration using scripts for AWR mining that attendees can apply to their own challenging database performance tuning problems.</p> <p>Speaker:</p>  <p>Maris Elsins is an experienced Oracle Applications DBA currently working as Lead Database Consultant at The Pythian Group. His main areas of expertise are troubleshooting and performance tuning of Oracle Database and e-Business Suite systems. He is a blogger and a frequent speaker at Oracle related conferences such as UKOUG, Collaborate, HotSos, Oracle OpenWorld, OUGF Harmony and others. Maris is an Oracle ACE, an Oracle Certified Master, and a co-author of "Practical Oracle Database Appliance" (Apress, 2014).</p>	<p><i>Oracle Database Links</i></p> <p>Joel Goodman, OCM, Oak Table; Global Technical Lead, Database Certifications, ORACLE</p> <p>Conference session, 🇬🇧, DB, <u>All Levels</u></p> <p>Abstract:</p> <p>This session examines the architecture, creation, monitoring and use of Database Links in distributed systems. It covers the attributes of Database Links in three dimensions: Firstly "Fixed User", "Connected User" and "Current User"</p> <p>Database Links, then "Shared" and "Non-Shared" Database Links, and finally "Private", "Public" and "Global" Database Links. The session also describes Global Naming and its implications for DB links and the use of DB Link Qualifiers in RAC, for specific database instance DB Links, the use of DB Links in remote and distributed queries and the use of Database Synonyms to provide Location Transparency.</p> <p>Speaker:</p>  <p>Joel Goodman has been in the computing industry for 40 years after obtaining his degree in Computer Information Sciences. He has 22 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>

C	D
	<p><i>Federated custom authentications with APEX Applications - part III</i> Ciprian Onofreiciuc, Software Engineer, Romanian Oracle User Group Conference session, , , </p> <p>Abstract: This workshop is a continuation of the workshops presented in 2014 and 2015. The existing federated authentications will be enriched with social media authentication. Demo will be made on a virtual machine with Oracle Database 11g XE with APEX 5. Scripts will be available at the end of the event.</p> <p>Speaker: Business oriented software engineer with proven experience on software development, project management methodologies, service operations, IT architecture, interested in expanding technology skills and portfolio. site: http://ciprian.onofreiciuc.ro/ Romanian Oracle User Group founder - building a community and an organization across Oracle users in Romania.site:http://www.rooug.ro/</p> 







A	B
<p>45 most useful new DBA commands in Oracle 12.2</p> <p>Julian Dontcheff 🏆, Managing Director, Accenture Global Database Lead, Accenture Enkitec Group</p> <p>Conference session, 🇬🇧, DBA, All Levels</p> <p>Abstract:</p> <p>As beta tester of 12cR2, I was trying to list and isolate the most interesting and rather important new features of the release from DBA point of view. This presentation will cover the most important 45 new features along with a command representing the feature in 45 slides</p> <p>Speaker:</p> <p>First Oracle Certified Master in Europe, Oracle ACE Director, more than 25 years of database experience</p> 	<p>When To Use Database In-Memory</p> <p>Roger MacNicol, Software Architect, ORACLE</p> <p>Conference session, 🇬🇧, DB, All Levels</p> <p>Abstract:</p> <p>Oracle Database In-Memory promises an incredible performance boost for analytic queries. But as an option to the Oracle Database it's going to cost you extra, so how do you determine if you have an analytic workload that will benefit from Database In-Memory? This session will review what Database In-Memory is and how it works, and then we will talk about what types of workload will benefit from Database In-Memory. We will also examine what aspects of a SQL query benefit from Database In-Memory and then compare some actual SQL statement executions to demonstrate where Database In-Memory provides benefit and explain how Database In-Memory provides that benefit.</p> <p>Speaker:</p> <p>I have been working on developing core database technologies for 30 years. I was the Architect for the world's first columnar query engine (Sybase IQ, 1995), and the first chair of the TPC-H benchmark. I have been at Oracle for 12 years working on the table scans; In-Memory, Big data SQL, and as Architect for Exadata Smart Scan.</p> 








C	D
<p>Solutions for Secure Oracle Database - How Oracle Systems Can Comply Cristian Termure, Hardware Sales Consultant, ORACLE Georgi Terziyski, Oracle Hardware sales, ORACLE</p> <p>Conference session, , , Intermediate</p> <p>Abstract: What is the new innovation in Hardware and Software and how Oracle can meet the new security requirements. Demo related to encrypted table spaces in DB running at the same speed as clear text.</p> <p>Speaker:</p> <div data-bbox="123 692 349 920"></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="123 962 365 1192"></div> <p>Georgi is 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>Hacking the Human Brain Robert Lockard , President, Oraclewizard Conference session, , BS, All Levels</p> <p>Abstract: This is a fun session that covers professional and personal development. You are capable of doing much more than you think you can do. In fact, you normally operate at only 40% of your physical capability, and the human brain is constantly changing through Neuroplasticity. Learn how to tap that extra 60% and how to break out of rut.</p> <p>Speaker:</p> <div data-bbox="1144 659 1415 965"></div> <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 Marley Creek.</p>








A	B
<p>Multitenant : What's new in Oracle Database 12c Release 2 (12.2)</p> <p>Tim Hall 🏆, OAK Table, DBA / Developer, ORACLE-BASE.com</p> <p>Conference session, 🇬🇧, DB, <u>All Levels</u></p> <p>Abstract:</p> <p>Multitenant was the headline feature of Oracle 12.1, but many people were skeptical or even afraid of it. Oracle 12.2 is now available on the cloud and it brings with a huge number of changes and new features related to the multitenant option. Some of these were expected and some came out of the blue. This session covers the new multitenant features and shows why using the multitenant architecture is even more compelling in Oracle 12.2.</p> <p>Speaker:</p>  <p>Tim Hall is an Oracle DBA/Developer and well known Oracle blogger at https://oracle-base.com. If that isn't enough, he's written two books and over 800 articles, is an Oracle ACE Director, OakTable member and has presented at numerous user groups and conferences worldwide, as well as a series of 2-day presentations as part of the "Oracle University Celebrity Series".</p>	<p>MySQL document store: SQL and NoSQL united</p> <p>Giuseppe Maxia 🏆, QA Architect, VMware</p> <p>Conference session, 🇬🇧, DB, <u>Intermediate</u></p> <p>Abstract:</p> <p>MySQL 5.7 has introduced another protocol for communication with the database, which allows asynchronous operations and native document store handling. Since the changes are huge, both developers and DBAs are uncertain about what can be done and how. This talk will guide the attendees through the basics of the X-Protocol, with examples of using the document store using the new shell and programmatically. There will be examples of easy interaction between MySQL and other data stores using the new interface.</p> <p>Speaker:</p>  <p>I am an Oracle ACE Director, presently employed as Quality Assurance Architect at VMware. Formerly at MySQL AB, and then through acquisitions at Sun Microsystems and Oracle. Then at Continuent, Inc and currently at VMware through a merge.</p> <p>I am active member of the MySQL community and long timer open source enthusiast. During the past 25 years I have worked in various IT related fields, with focus on databases, object oriented programming, system administration. Fluent in Italian, English, Spanish, Perl, Python, SQL, C, Bash, and good speaker of C, French, Java, and Ruby. I work in cyberspace, with a virtual team.</p>







C	D
<p>Non-blocking Asynchronous Stream Processing using CompletableFuture and Flow in Java 9 Trayan Iliev, CEO, IPT - Intellectual Products & Technologies</p> <p>Conference session, , , Intermediate</p> <p>Abstract:</p> <p>Stream based data / event / message processing becomes preferred way of achieving interoperability and real-time communication in distributed SOA / microservice / database architectures.</p> <p>Beside lambdas, Java 8 introduced two new APIs explicitly dealing with stream data processing: - Stream - which is PULL-based and easily parallelizable; - CompletableFuture / CompletionStage - which allow composition of PUSH-based, non-blocking, asynchronous data processing pipelines. In terms of Functional Reactive Programming (FRP) they implement two basic types of event streams: - cold event streams – pull-based, computed lazily whenever there is a demand; - hot event streams – push-based, non-blocking asynchronous event processing in real time, more complex concurrency and timing requirements (buffering, throttling, scheduling etc.). Java 9 will provide further support for stream-based data-processing by extending the CompletableFuture with additional functionality – support for delays and timeouts, better support for subclassing, and new utility methods. More, Java 9 provides new java.util.concurrent.Flow API implementing Reactive Streams specification that enables reactive programming and interoperability with libraries like Reactor, RxJava, RabbitMQ, Vert.x, Ratpack, and Akka. The presentation will discuss the novelties in Java 8 and Java 9 supporting stream data processing, describing the APIs, models and practical details of asynchronous pipeline implementation, error handling, multithreaded execution, dealing with special threads like GUI thread, asynchronous REST service implementation and testing, interoperability with existing libraries and platforms. There will be provided examples using CompletableFuture and Flow with: - JAX-RS 2.0 AsyncResponse, and more importantly unit-testing the async REST service method implementations; - CDI 2.0 asynchronous observers (fireAsync / @ObservesAsync); - RabbitMQ, Reactor and RxJava integrations.</p> <div style="display: flex; align-items: flex-start;"> <div data-bbox="129 1110 356 1342" style="width: 100px; height: 145px; margin-right: 10px;">  </div> <div data-bbox="383 1093 1314 1353"> <p>Speaker:</p> <p>Trayan is founder and CEO of IPT - Intellectual Products & Technologies (http://iproduct.org/) - IT consultancy and training company specialized in Java, web and mobile development. He is Oracle (SCJP6) & 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</p> </div> </div> <p>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 (http://robolearn.org/).</p>	<p>Connect, integrate and analyze data from devices with Oracle Internet of Things Cloud Service Georgi Moykin, Principal Technology Presales Consultant, ORACLE</p> <p>Conference session, , , All Levels</p> <p>Abstract:</p> <p>A major challenge to businesses is the cost and complexity of integrating Internet of Things (IoT) device data into existing operations.</p> <p>Corporations demand an easy solution for connecting to and collecting data from devices (equipment), performing real-time analytics on IoT streams and events, and integrating device data into business processes and applications.</p> <p>On this session I'll talk about Oracle IoT Cloud Service (IoTCS) value and I'll do real demonstrations of IoTCS on:</p> <ul style="list-style-type: none"> - Fleet Management: real-time monitoring of vehicles and trips - Remote Diagnostics of equipment: real-time visibility into asset health and utilization <div style="display: flex; align-items: flex-start;"> <div data-bbox="1350 967 1655 1198" style="width: 136px; height: 145px; margin-right: 10px;">  </div> <div data-bbox="1682 951 2130 1302"> <p>Speaker:</p> <p>George has 20 years of combined experience in IT engineering: providing technical and business consulting services on Cloud, Middleware, Business Processes, Integration and DevOps solutions with primary focus on Oracle Cloud Platform and Oracle Fusion Middleware domains, as well as performing technology due diligence and analysis, defining technology architecture and digital transformation success criteria.</p> </div> </div>



A	B
<p>Back to the basics: TABLESPACES... but a little bit low level style</p> <p>Kamil Stawiarski 🎧, founder, ORA-600</p> <p>Conference session, 🇬🇧, DBA, <u>All Levels</u></p> <p>Abstract:</p> <p>There are a lot of myths and legends about storing segments in tablespaces - should we keep indexes separated from the tables?</p> <p>Can we stop worrying about segment fragmentation? What is real difference between TRUNCATE DROP STORAGE and TRUNCATE REUSE STORAGE?</p> <p>At this session I will present you my free C++ tool to visualize the contents of the datafile. We will disassemble a database block and try to understand how Oracle is really managing space inside tablespaces.</p> <div data-bbox="129 727 342 959" data-label="Image"> </div> <p>Speaker:</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>A quick tour of MySQL 8.0 roles</p> <p>Giuseppe Maxia 🎧, QA Architect, VMware</p> <p>Conference session, 🇬🇧, DB, <u>All Levels</u></p> <p>Abstract:</p> <p>MySQL 8.0 introduced roles: a new security and administrative feature that allows DBAs to simplify user management and increases security of multi-user environments. Using roles is easy, once you have digested all the documentation. For the uninitiated, though, the rst approach could be disappointing, and even give the feeling of not working at all. This quick demo will show some examples of how to de ne roles for several scenarios, how to assign roles to users, and how to use them effectively. Since there are several ways of assigning roles, the examples will cover both the roles granted as default and the cases where users can switch from one role to another within a session.</p> <div data-bbox="1151 778 1417 1010" data-label="Image"> </div> <p>Speaker:</p> <p>I am an Oracle ACE Director, presently employed as Quality Assurance Architect at VMware. Formerly at MySQL AB, and then through acquisitions at Sun Microsystems and Oracle. Then at Continuent, Inc and currently at VMware through a merge.</p> <p>I am active member of the MySQL community and long timer open source enthusiast. During the past 25 years I have worked in various IT related fields, with focus on databases, object oriented programming, system administration. Fluent in Italian, English, Spanish, Perl, Python, SQL, C, Bash, and good speaker of C , French, Java, and Ruby. I work in cyberspace, with a virtual team.</p>



C	D
<p>Implementing Chatbot Platforms! Lyudmil Pelov, Oracle A-Team Architect, ORACLE Conference session, , , Intermediate</p> <p>Abstract: Chatbots are computer programs that conduct conversations via auditory or textual interactions. This talk provides a breakdown of technologies and algorithms needed for building chatbot platforms, what and where you need to invest on to take it off the ground. We will take an in-depth look at building blocks such as information access through natural language processing, data-driven approach, single and multi turn dialogues, sentence representation & intent detection, and the use of deep learning methods. Finally, we will distill core-concepts from these to describe a general purpose scalable Chatbot platform.</p> <div style="display: flex; align-items: flex-start;">  <p>Speaker: Lyudmil Pelov works as a Lead Architect at the Oracle A-Team Mobile & Cloud Architects. At the Oracle A-Team he is responsible for establishing leading architecture reviews and designs for strategic customers, making recommendations that improve all aspects of these models such as reliability, high availability, best practices, performance, monitoring, data integrity, security, etc. He supports customers during performance tuning, system architecture, software design best practices, and problem solution. Lyudmil is strongly involved in internal Oracle Mobile & Cloud product developments and architecture designs.</p> </div>	<p>Where to start from with Oracle Big Data Solutions? Daniela Milanova, Cloud Technology Customer Advisor, ORACLE Conference session, , , All Levels</p> <p>Abstract: To derive the real business value from big data, you need the right tools to capture and organize a wide variety of data types from different sources, and to be able to easily analyze it within the context of all your enterprise data. This is what the Oracle Big Data platform is based on. This session explains the concept and gives ideas where to start with Big Data solutions.</p> <div style="display: flex; align-items: flex-start;">  <p>Speaker: 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> </div>



A	B
<p>Implementing incremental forever strategy for Oracle database backups</p> <p>Ilmar Kerm , Senior Database Administrator, Kindred Group</p> <p>Conference session, , , <u>Intermediate</u></p> <p>Abstract:</p> <p>When databases get ever larger and larger, backing them up using traditional RMAN backupsets will quickly get unfeasible. Completing a backup requires too much time and resources, but more importantly the same also applies to restores. RMAN has always provided a solution as incrementally updated image copies, but they are much less manageable than backupsets. This presentation goes into detail on how to successfully implement incremental-forever database backup strategy together with a capable storage system like Netapp or ZFS Storage Appliance, and on how to build more advanced features on top that platform, like automation and cloning.</p> <p>Speaker:</p> <p>Ilmar has worked with Oracle Databases since 2005, starting out with Oracle 9i. Last 8 years he has been working with one of the largest online gambling providers in Europe where he manages both busy transactional databases and large data warehouse daily. Although living in Stockholm, he is also the president for Oracle user Group Estonia.</p> 	<p>Cloudy with a chance of MySQL</p> <p>Georgi Kodinov, Senior Software Development Manager, ORACLE</p> <p>Conference session, , , <u>Introductory</u></p> <p>Abstract:</p> <p>No cloud is complete without MySQL. Thus MySQL is an integral part of the Oracle cloud. We will review the ways to put up and use the MySQL server in the Oracle cloud and will consider pros and cons of each approach. And will of course compare to the standalone installation.</p> <p>Speaker:</p> <p>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> 







C	D
<p>CDI 2.0 What's new and what is better from CDI 1.x Doychin Bondzhev, Manager, dSoft-Bulgaria Ltd. Conference session, , , All Levels</p> <p>Abstract: Short introduction to CDI. What new features were introduced in CDI 2.0 How to use CDI with Java SE applications. Advanced use of CDI and how to write portable CDI extensions.</p> <p>Speaker:  I'm doing professional software development for the last 22 years. During my early days I spend lot of time experimenting with Pascal and Assembly language for PC computers. Later I used Delphi to do all of my projects. I worked for a company where we developed Delphi components for Internet applications. Since 2003 I work primary in Java and more specifically JavaEE applications. I use technologies like EJB, JPA, CDI, JSF, Servlets, JAX-RS and more. I'm also the newest member of JSR 377 expert group. The primary goal of that group is to develop specification for Desktop applications API for Java platform that is independent of the implementation(Swing, JavaFX, Eclipse RCP or many others).</p>	<p>Dino DBA goes Dev-Ops. Piet De Visser , DBA, Consultant, PDVBV sprs/bvba Conference session, , , All Levels</p> <p>Abstract: As a DBA or Database-person you will be asked to join a Dev_Ops team and use some of the Agile methods. When this happens, you will have to absorb new knowledge and work-habits. But you will also have to educate your colleagues on what is possible and impossible at the database level. We will try to give some guidelines, and point out a few embarrassing mistakes we made in these situations. Level: All Time: anywhere from 30 to 60 min.</p> <p>Speaker:  Piet is an experienced Database Consultant and Administrator, specializing in Oracle databases and High-Availability. He is in IT since 1987, and specializes in Oracle- and Databases-related technology since 1994. He combines technical knowledge with extensive experience in global organizations. His energetic personality and language-skills makes him ideal for pioneering and ground-breaking projects in a multi-national environment. He also invests a lot of effort in maintaining a network of Like-Minded Oracle specialists worldwide and is a regular speaker at international user group events and symposia. Oh, and Piet has a preference for Simple solutions.</p>










A	B
<p>Oracle security portfolio in the light of EU General Data Protection Regulation (GDPR)</p> <p>Ferenc Mosolygo, Oracle presales - SEE region, Avnet TS Bulgaria</p> <p>Conference session, , , </p> <p>Abstract:</p> <p>The European Union’s General Data Protection Regulation (GDPR) is the most important change in data privacy regulation in the last 20 years. It applies to all companies processing and holding the personal data of data subjects residing in the European Union, regardless of the company’s location. The enforcement date is 25 May 2018 and organizations, which are in non-compliance will face fines.</p> <p>The objective of the presentation is review key requirements of the GDPR and provide overview about the Oracle Database Security technologies, which could help comply with the mandates.</p> <div data-bbox="129 850 353 1082" data-label="Image"> </div> <p>Speaker:</p> <p>Ferenc spent most of the time of his career as technology expert. He drove the Oracle Database business for 13 years at Oracle Hungary as Principal Sales Consultant. He has been working since 2013 at Avnet as Oracle expert. His responsibilities include: contribute on-site pilot projects, deliver product presentations at conferences for Avnet partners and customers, provide technical and licensing support for Avnet partners.</p>	<p>Exadata: The Road Ahead</p> <p>Roger MacNicol, Software Architect, ORACLE</p> <p>Conference session, , , </p> <p>Abstract:</p> <p>Oracle Exadata has transformed Oracle Database applications for in-memory analytics, online transaction processing, data warehousing, and consolidated workloads. With public cloud options, the latest state-of-the-art flash technology, petabytes of capacity, elastic configurations, and many new software enhancements, Oracle Exadata will continue to be the most standardized and highest-value database platform for Oracle Database. In this session learn about the latest in Oracle Exadata hardware such as Exadata SL6, Exadata X6-2, Exadata Cloud Machine and NVMe PCIe Flash and new software innovations such as In-Memory Columnar Formats in Storage, Extended Distance Clusters and Snapshots.</p> <p>This session will also discuss what the Exadata development team is working on and what one can expect from Oracle in future.</p> <p>Speaker:</p> <div data-bbox="1115 890 1294 1121" data-label="Image"> </div> <p>Roger been working on developing core database technologies for 30 years. I was the Architect for the world's first columnar query engine (Sybase IQ, 1995), and the first chair of the TPC-H benchmark. I have been at Oracle for 12 years working on the table scans; In-Memory, Big data SQL, and as Architect for Exadata Smart Scan.</p>



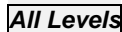



C	D
<p>Security in the Cloud</p> <p>Robert Lockard 🏆, President, Oraclewizard</p> <p>Conference session, 🇬🇧, 🇨🇸, All Levels</p> <p>Abstract:</p> <p>This session we'll walk through the security issues that you will be facing going to a cloud solution. Many of them are the same you face with on premises computing. The attack surface has not really changed, it's just shifted. We will be looking at mitigations for the shifting attack surface.</p> <p>High level: For years we have been locking down the software to protect information. This presentation puts the focus where it belongs: identifying, protecting, and selecting the correct tools to protect your data. Starting with a brief history of security breaches and the impact to both companies and consumers, the presenter will move through a methodology of identifying sensitive information, creating a risk matrix, and which tools are available to mitigate information leaks.</p> <p>Subjects covered: Attack Vector: how does your information leak. Including an open and frank discussion of organized gangs (ie Anonymous). Risk identification and mitigation. Identify the risks in your system and come up with mitigation strategies. Audit. 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.</p> <p>Database encryption. Encrypting the database, the tablespace, the tables or atomic data? What is the cost and how do you accomplish it. Network encryption. What are the risks of man in the middle attack? How to setup network encryption. Backup encryption. What are the risks of losing a backup tape? How to encrypt backups using RMAN. Data redaction. 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.</p> <p>Data Masking. Do you refresh the test or QA environment from production? Does your need your testers to have access to your production data? Database Vault. Are you at risk for an insider attack? Does your DBA really need to access sensitive data?</p> <p>Speaker:</p>  <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 Marley Creek.</p>	<p>Promoting transparency in Romania government with Oracle technology</p> <p>Ciprian Onofreiciuc, Software Engineer, Romanian Oracle User Group</p> <p>Conference session, 🇬🇧, 🇧🇸, All Levels</p> <p>Abstract:</p> <p>I will present in this session a project in Romania Ministry of Finance that I was involved from the beginning to the end, based on Oracle stack.</p> <p>Hope it will interest people.</p> <p>Speaker:</p>  <p>Business oriented software engineer with proven experience on software development, project management methodologies, service operations, IT architecture, interested in expanding technology skills and portfolio. site: http://ciprian.onofreiciuc.ro/</p> <p>Romanian Oracle User Group founder - building a community and an organization across Oracle users in Romania.site:http://www.rooug.ro/</p>



A	B
<p>Go deep into PL/SQL with low level toolkit - DTrace style</p> <p>Kamil Stawiarski 🍀, founder, ORA-600</p> <p>Conference session, 🇬🇧, DB, <u>All Levels</u></p> <p>Abstract:</p> <p>Sometimes when I'm trying to learn something from the Oracle documentation I get the feeling that something is not exactly OK.</p> <p>I don't understand why PL/SQL packages are faster, based on this explanation: „Subsequent invocations of other subprograms in same the package require no disk I/O.”</p> <p>„The UDF pragma tells the compiler that the PL/SQL unit is a user defined function that is used primarily in SQL statements, which might improve its performance.” - Yes, ok.... but why! When? How?</p> <p>I've heard that cursor FOR loops are being optimized from 10g and converted to BULK COLLECTS... Is it true? Can see it somewhere?</p> <p>What is the real meaning for cursor sharing and is it true that SQL statements executed from PL/SQL are parsed differently?</p> <p>So many questions, so little beer... fortunately we have low level tools like DTrace!</p> <p>Speaker:</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>Utilizing the data attribute: Client-side behavior in APEX.</p> <p>Richard Martens, founding partner, SMART4solutions</p> <p>Conference session, 🇬🇧, DEV, <u>Intermediate</u></p> <p>Abstract:</p> <p>Creating an APEX application is easy, just follow the wizards to create all those reports and forms. But what if you want to add some client functionality like deleting a record using a form, or do some 'drag-n-drop' ordering of records. The presentation will show you how to add client side and AJAX functionality to your apps.</p> <p>Speaker:</p>  <p>Richard Martens has been involved in information technology for more than 15 years. He started as a web developer using the Oracle database as no more than data storage. Richard has been responsible for major European multilingual websites and has been working with the Oracle database since 2000. During those years, he developed himself using a multitude of technologies and specialized in PL/SQL and Oracle APEX. With APEX, he combines the things he loves most: the Oracle database and web technologies.</p>







C	D
<p><i>Building Database as a Service (DBaaS) with Oracle Enterprise Manager 13c</i></p> <p>Gokhan Atil 🏆, DBA and BI Manager, Bilyoner.com</p> <p>Conference session, 🇬🇧, 🇺🇸, All Levels</p> <p>Abstract:</p> <p>Oracle Enterprise Manager Cloud Control provides a complete solution for building private database as a service (DBaaS) on premise. In this session, I will show a step-by-step walkthrough for building DBaaS running on commodity servers and storages. I'll talk about the required plugins of EM13c; explain the components of the DBaaS; show how we can create zones, database pools and service catalog for self-service provisioning.</p> <p>This session targets users who are familiar with Enterprise Manager Cloud Control.</p> <p>Speaker:</p>  <p>Gokhan Atil is an Oracle ACE Director and Data Management Manager at Bilyoner.com in Istanbul, Turkey. He has over 15 years of experience in the IT industry, working with Oracle, PostgreSQL, Microsoft SQL Server, MySQL and NoSQL databases. Gokhan is an Oracle Certified Professional (OCP), and he specializes in monitoring and manageability solutions. Gokhan is founding member and vice president of Turkish Oracle User Group (TROUG). He presented at various international conferences and he is co-author of "Expert Oracle Enterprise Manager 12c" book. Gokhan also shares his Oracle experience by blogging at www.gokhanatil.com since 2008, and on twitter under the handle @gokhanatil</p>	<p><i>Reporting functionalities in Oracle SQL Developer Data Modeler</i></p> <p>Heli Helskyaho 🏆, CEO, Miracle Finland</p> <p>Conference session, 🇬🇧, DEV, All Levels</p> <p>Abstract:</p> <p>One of the most important features of any design tool is reporting. What is the point of collecting all the data in one location and not be able to share it?</p> <p>Oracle SQL Developer Data Modeler offers several ways of reporting for several purposes. And the reports can be generated directly from the design or from a reporting repository that can locate even in the cloud.</p> <p>In this session we will talk about configurations, templates, search, importing Excel sheets and so much more.</p> <p>Speaker:</p>  <p>Heli Helskyaho holds a Master's degree (Computer Science) in Helsinki University where she is currently a doctoral student researching Big Data. Heli is specialized on databases. Heli is also an Oracle ACE Director and a frequent speaker in many conferences. She has been working on IT since 1990 and 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. Heli is the CEO for Miracle Finland Oy and the author of Oracle SQL Developer Data Modeler for Database Design Mastery (McGraw-Hill, Oracle Press, 2015), co-author of Real World SQL and PL/SQL: Advice from the Experts (Oracle Press 2016) and one of the first winners of Oracle Database Developer Choice Award, Devvy, on Database Design category in 2015. Heli believes that good database design and good documentation reduces performance problems and makes solving them easier.</p>



A	B
<p>Oracle Database 12c R2 Application Containers Joel Goodman, OCM, Oak Table; Global Technical Lead, Database Certifications, ORACLE <i>Conference session</i>, , , Intermediate</p> <p>Abstract: This Oracle University mini-lesson describes Application Container use cases, architecture and provides an overview of implementation. It discusses the problems faced in 12C R1 with application maintenance and demonstrates how these are solved using Application containers. We will discuss Application Root PDBs, Application Seed PDBs, and Application PDBs and then discuss installing, upgrading and patching applications in this environment.</p> <p>Speaker:  Joel Goodman has been in the computing industry for 40 years after obtaining his degree in Computer Information Sciences. He has 22 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>	<p>Validate User input in APEX Richard Martens, founding partner, SMART4solutions <i>Conference session</i>, , , Introductory</p> <p>Abstract: Apex offers several ways to validate user input. This session shows ways to do just that bit extra to make your application fool proof yet keeping it user friendly. After the session you'll know how to do server side validation, database validation and client-side validation.</p> <ol style="list-style-type: none"> 1. Apex validations 2. Database constraints and validations 3. Client side validations in apex <ol style="list-style-type: none"> 3.1 Client side using dynamic actions 3.2 Client side validation using parseely library <p>Speaker:  Richard Martens has been involved in information technology for more than 15 years. He started as a web developer using the Oracle database as no more than data storage. Richard has been responsible for major European multilingual websites and has been working with the Oracle database since 2000. During those years, he developed himself using a multitude of technologies and specialized in PL/SQL and Oracle APEX. With APEX, he combines the things he loves most: the Oracle database and web technologies.</p>

C	D
<p>How Oracle E-Business Suite Customers Can Achieve Modern Reporting in the Cloud</p> <p>Javier Huerta, Manager, KPMG Spain</p> <p>Conference session,  , Introductory</p> <p>Abstract:</p> <p>This session discusses how to leverage powerful modern reporting tools with no disruption to your existing Oracle E-Business Suite implementation using Oracle 'Accounting Hub Reporting Cloud Services'. You will learn how to use the modern reporting features from Oracle Financials Cloud with Oracle E-Business Suite and the steps required to start using the cloud service. This session will show what it needed for implementation, which is the functionality included and how to use it.</p> <div data-bbox="127 743 358 975">  </div> <p>Speaker:</p> <p>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>Design your databases straight to the Cloud</p> <p>Heli Helskyaho , CEO, Miracle Finland</p> <p>Elise Valin-Raki , System Manager, Fennia</p> <p>Conference session,  , All Levels</p> <p>Abstract:</p> <p>Everybody is talking about Cloud. How does the Cloud change my work as a database designer? What should I know and what new to learn?</p> <p>In this session we will talk about these concerns and design a small database to the cloud using Oracle SQL Developer Data Modeler and Oracle SQL Developer.</p> <div data-bbox="1072 671 1229 903">  </div> <p>Speaker:</p> <p>Heli Helskyaho holds a Master's degree (Computer Science) in Helsinki University where she is currently a doctoral student researching Big Data. Heli is specialized on databases. Heli is also an Oracle ACE Director and a frequent speaker in many conferences. She has been working on IT since 1990 and 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. Heli is the CEO for Miracle Finland Oy and the author of Oracle SQL Developer Data Modeler for Database Design Mastery (McGraw-Hill, Oracle Press, 2015), co-author of Real World SQL and PL/SQL: Advice from the Experts (Oracle Press 2016) and one of the first winners of Oracle Database Developer Choice Award, Devvy, on Database Design category in 2015. Heli believes that good database design and good documentation reduces performance problems and makes solving them easier.</p> <div data-bbox="1072 1139 1267 1370">  </div> <p>Elise Valin-Raki holds Master of Science degree from Helsinki School of Economics with major in Management Science. Her experience in IT started in 1987 as tasks have been mixed and varied. Now, she is Fennia's Oracle Database Lead, a position in conjunction with the various parties within the company's information technology architecture and infrastructure solution departments. Previous projects have been around creating data warehouse systems for Nokia, Enso Fine Papers, Valio and Orion.</p>




A	B
<p>Common Pitfalls in Complex Apps Performance Troubleshooting Timur Akhmadeev, OAK Table, Database Consultant, Pythian <i>Conference session, , , </i></p> <p>Abstract: Faced with a performance issue in complex systems people tend to look at things they find easy to get and interpret: CPU & IO usage, Load, Wait Events. The numbers may help in finding what is going wrong - *sometimes*, and hide the real issue easily. This session is going to discuss simple things to remember while tackling performance issues in complex applications deployed in multiple tiers.</p> <div data-bbox="127 735 356 967" data-label="Image"> </div> <p>Speaker: Timur has worked as a Performance Engineer and then Performance Architect for many years helping customers to achieve their performance requirements with enterprise applications. He is a Database Consultant with Pythian helping clients to get stability and performance with their Databases and Middleware. Timur blogs irregularly at http://timurakhmadeev.wordpress.com , @tmmdv and http://www.pythian.com/blog/author/akhmadeev. He is an OakTable member since 2010.</p>	<p>Edition-based redefinition: the key to online application upgrade Bryn Llewellyn, OAK Table, Distinguished Product Manager, ORACLE <i>Conference session, , , </i></p> <p>Abstract: Large, mission-critical applications built on Oracle Database are often unavailable for tens of hours while the application’s database objects are patched or upgraded. It’s hard to imagine worse performance than this! Oracle Database has a unique capability that allows upgrade scripts to be written so that availability is, quite literally, uninterrupted. The capability is called edition-based redefinition—EBR for short. It was introduced by Version 11.2, and both 12.1 and 12.2 bring significant enhancements. The capability depends on three dedicated object types. Code changes are installed in the privacy of a new edition. An editioning view exposes a different projection of a table into each edition to allow each to see just its own columns, allowing data changes to be made safely by writing only to new columns or new tables not seen by the old edition. A crossedition trigger propagates data changes made by the old edition into the new edition’s columns, and vice-versa. Existing sessions can therefore continue to use the pre-upgrade application, in the old edition, until their users decide to finish; and, at the same time, new sessions can use the post-upgrade application, in the new edition. When no sessions are any longer using the old edition, it can be retired. The application as a whole therefore enjoys hot rollover from the pre- to the post-upgrade version. The solutions for other high-availability sub-goals are implemented by the administrators of installed production systems, without the involvement of developers. But it’s developers who implement EBR – both in a one-time readying technical upgrade to the application’s database backend; and then, for each online patch and upgrade. Developers have always been responsible for writing application upgrade scripts. Now they write these in a new way specially to use the EBR approach. This session explains how it all works.</p> <div data-bbox="954 1050 1124 1281" data-label="Image"> </div> <p>Speaker: Bryn has worked in the software field for more than 35 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 Oracle HQ 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). This is the Oracle Database capability that supports online application upgrade. 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. In Norway, Bryn programmed in Simula (its inventors were his close colleagues). This language is recognized as the first object-oriented programming language and was the inspiration for Smalltalk and C++. Bryn is an Oak Table member.</p>





C	D
<p>Oracle Compute Cloud vs. Amazon Web Services EC2 – A Hands-On Showdown</p> <p>Ahmed Abounaga 🇸🇦, Technical Director, Raastech</p> <p>Conference session, 🇬🇧, 🇸🇪, <u>All Levels</u></p> <p>Abstract:</p> <p>We walk through the end-to-end process of provisioning an Oracle Compute Cloud instance from scratch - adding storage, defining firewall rules, creating a private key, and connecting through VNC. Then we do the same thing with Amazon Web Services (AWS) EC2. Speed of provisioning is one of the benefits of the cloud, so let's embark on this live walkthrough together, see how easy it is to get up and running, and compare the IaaS offering from Oracle and Amazon.</p> <div data-bbox="129 711 356 943"></div> <p>Speaker:</p> <p>Ahmed Abounaga is a Technical Director at Raastech, a systems integrator headquartered in the Washington DC area. Ahmed's professional focus is in technical management, architecture, and consulting within the Oracle Fusion Middleware stack, having implemented enterprise solutions for commercial, government, and global customers throughout the years. Ahmed is an Oracle ACE, OCE, and OCA, and has presented at OpenWorld, Collaborate, UKOUG, and various Oracle users groups in the past. He actively contributes to the online community in areas of WebLogic Server, SOA Suite, Cloud, and other middleware technologies.</p>	<p>Integrating Oracle and Big Data with Big Data SQL 3.1</p> <p>Roger MacNicol, Software Architect, ORACLE</p> <p>Conference session, 🇬🇧, 🇩🇪, <u>All Levels</u></p> <p>Abstract:</p> <p>The old days of Oracle or Big Data are behind us and many corporations realize they need both and they need them to work together. This talk provides an overview of how to integrate corporate data stored in Oracle with Big Data stored in Hadoop including using Oracle Analytics on data stored in Hadoop and managing data security in this environment. We will also look at ILM strategies or archiving cold data from Oracle on Hadoop.</p> <div data-bbox="1151 667 1335 898"></div> <p>Speaker:</p> <p>I have been working on developing core database technologies for 30 years. I was the Architect for the world's first columnar query engine (Sybase IQ, 1995), and the first chair of the TPC-H benchmark. I have been at Oracle for 12 years working on the table scans; In-Memory, Big data SQL, and as Architect for Exadata Smart Scan.</p>

A	B
<p>Parallel Execution in Oracle Database 12c</p> <p>Ivica Arsov , Senior Database Consultant, Pythian</p> <p>Conference session, , , </p> <p>Abstract:</p> <p>Many of us are facing with the problem of scanning lots of data. Daily growth of data becomes everyday problem and we are challenged to write SQLs which should scan millions of rows and run within minutes. This presentation will focus on parallel execution with Oracle Database 12c and how should you leverage its power. We will cover the concepts, what is parallel execution and how it works. We will cover different aspects of parallel execution, distribution methods, blocking operations and statement queuing.</p> <p>Speaker:</p>  <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>	<p>Put your feet up and have a REST. Take a tour of JSON support in the Oracle database.</p> <p>Tim Hall , OAK Table, DBA / Developer, ORACLE-BASE.com</p> <p>Conference session, , , </p> <p>Abstract:</p> <p>The rise of Javascript has made JSON support an essential part of most systems. This session describes ways to add JSON support to your existing applications using a variety of tools including Oracle REST Data Services (ORDS), the APEX_JSON and APEX_WEB_SERVICE packages and the JSON support built into Oracle Database 12c.</p> <p>Speaker:</p>  <p>Tim Hall is an Oracle DBA/Developer and well known Oracle blogger at https://oracle-base.com. If that isn't enough, he's written two books and over 800 articles, is an Oracle ACE Director, OakTable member and has presented at numerous user groups and conferences worldwide, as well as a series of 2-day presentations as part of the "Oracle University Celebrity Series".</p>

C	D
<p>Oracle Database on AWS: Getting the Best out of RDS and EC2</p> <p>Maris Elsins 🇬🇧, Lead Database Consultant, Pythian</p> <p>Conference session, 🇬🇧, CS, <u>All Levels</u></p> <p>Abstract:</p> <p>More and more companies consider moving all IT infrastructure to cloud to reduce the running costs. I've been involved in such migration project to Amazon AWS. Multiple databases were successfully moved to Amazon RDS and a few to Amazon EC2. This presentation will help you understand the capabilities of Amazon RDS and EC2 when it comes to running Oracle Databases, it will help you make the right choice between these two services, and will help you size the target instances and storage volumes according to your needs.</p> <p>Speaker:</p>  <p>Maris Elsins is an experienced Oracle Applications DBA currently working as Lead Database Consultant at The Pythian Group. His main areas of expertise are troubleshooting and performance tuning of Oracle Database and e-Business Suite systems. He is a blogger and a frequent speaker at Oracle related conferences such as UKOUG, Collaborate, HotSos, Oracle OpenWorld, OUGF Harmony and others. Maris is an Oracle ACE, an Oracle Certified Master, and a co-author of "Practical Oracle Database Appliance" (Apress, 2014).</p>	<p>GoldenGate: a Live Introduction</p> <p>Patrick Hurley, Database Administrator, Accenture Enkitec Group</p> <p>Conference session, 🇬🇧, DB, <u>Introductory</u></p> <p>Abstract:</p> <p>This presentation is a beginners guide to GoldenGate. I will cover key GoldenGate and logical replication concepts. Most of the presentation is a live demonstration of installing GoldenGate and setting up replication between two Oracle databases.</p> <p>The purpose of this presentation is to give Oracle DBAs the confidence to install, configure and begin to use GoldenGate.</p> <p>Speaker:</p>  <p>I am an Oracle Database Administrator with twenty years' experience, both on development projects and in production environments. I love solving problems and explaining technical concepts as clearly as possible.</p>

A	B
<p>Function Result Cache - Fixed.</p> <p>Piet De Visser 🇳🇱, DBA, Consultant, PDVBV sprs/bvba</p> <p>Conference session, 🇬🇧, DB, <u>Experienced</u></p> <p>Abstract:</p> <p>On troubleshooting a particularly Complicated PL/SQL-based system, a so-called thick-db system, we found that the Function-Result-Cache did not work as advertised.</p> <p>A Colleague found the cause, and devised an inventive Fix.</p> <p>This Presentation is must for developers struggling with over-complicated PL/SQL systems, and for the architects that design them. We can help you avoid some Mistakes.</p> <p>The presentation ends with a small quiz - and opening an SR to find the answer is considered cheating.</p> <p>Stream: Technology</p> <p>Level: Intermediate/Advanced – tech story, includes code.</p> <p>Time: anywhere from 45 to 60 min. Demo if time.</p> <div data-bbox="125 922 353 1153" data-label="Image"> </div> <p>Speaker:</p> <p>Piet is an experienced Database Consultant and Administrator, specializing in Oracle databases and High-Availability. He is in IT since 1987, and specializes in Oracle- and Databases-related technology since 1994. He combines technical knowledge with extensive experience in global organizations. His energetic personality and language-skills makes him ideal for pioneering and ground-breaking projects in a multi-national environment. He also invests a lot of effort in maintaining a network of Like-Minded Oracle specialists worldwide and is a regular speaker at international user group events and symposia. Oh, and Piet has a preference for Simple solutions.</p>	<p>Developing Web Services from Scratch – For DBAs and Developers</p> <p>Ahmed Abounaga 🇳🇱, Technical Director, Raastech</p> <p>Conference session, 🇬🇧, DEV, <u>Introductory</u></p> <p>Abstract:</p> <p>WSDL. XSD. SOAP. Namespaces. Port types. If these terms make little sense, this presentation is for you. By the end of this presentation, you will completely understand how to dissect and decipher a web service interface, understand key design patterns, and learn how to develop top-down and bottom-up web services in technologies such as Java and Oracle SOA Suite. Want to know how to expose a PL/SQL package as a web service? This technical presentation, one of my most popular, is intended for DBAs and database developers who want to know what it takes to design and create web services.</p> <div data-bbox="1149 742 1377 973" data-label="Image"> </div> <p>Speaker:</p> <p>Ahmed Abounaga is a Technical Director at Raastech, a systems integrator headquartered in the Washington DC area. Ahmed's professional focus is in technical management, architecture, and consulting within the Oracle Fusion Middleware stack, having implemented enterprise solutions for commercial, government, and global customers throughout the years. Ahmed is an Oracle ACE, OCE, and OCA, and has presented at OpenWorld, Collaborate, UKOUG, and various Oracle users groups in the past. He actively contributes to the online community in areas of WebLogic Server, SOA Suite, Cloud, and other middleware technologies.</p>

C	D
<p>Oracle Enterprise Manager 13c: Advanced Monitoring Features</p> <p>Gokhan Atil 🏆, DBA and BI Manager, Bilyoner.com</p> <p>Conference session, 🇬🇧, 🇺🇸, All Levels</p> <p>Abstract:</p> <p>Oracle Enterprise Manager offers rich monitoring features for all components of your IT infrastructure (Oracle and non-Oracle) including the applications and services that are running on them. In this session, I will explain advanced threshold management, corrective actions, metric extensions, administration groups and template collections, and share the best practices to improve the monitoring capabilities of Enterprise Manager.</p> <p>This session targets users who are familiar with Enterprise Manager Cloud Control.</p> <p>Speaker:</p>  <p>Gokhan Atil is an Oracle ACE Director and Data Management Manager at Bilyoner.com in Istanbul, Turkey. He has over 15 years of experience in the IT industry, working with Oracle, PostgreSQL, Microsoft SQL Server, MySQL and NoSQL databases. Gokhan is an Oracle Certified Professional (OCP), and he specializes in monitoring and manageability solutions.</p> <p>Gokhan is founding member and vice president of Turkish Oracle User Group (TROUG). He presented at various international conferences and he is co-author of "Expert Oracle Enterprise Manager 12c" book. Gokhan also shares his Oracle experience by blogging at www.gokhanatil.com since 2008, and on twitter under the handle @gokhanatil</p>	<p>Exadata on-premises or in the Cloud? The reasoning for our decision</p> <p>Elise Valin-Raki 🏆, System Manager, Fennia</p> <p>Heli Helskyaho 🏆, CEO, Miracle Finland</p> <p>Conference session, 🇬🇧, 🇺🇸, All Levels</p> <p>Abstract:</p> <p>The current Exadatas are getting old and they must be replaced but with what? Better, cheaper, easier... which one to choose: physical Exadata or Exadata Cloud Machine?</p> <p>There are so many challenges for a customer when making the decision. Demands from the own organization, demands from the official authorities as well as the experience on the previous Exadatas.</p> <p>Speaker:</p>  <p>Elise Valin-Raki holds Master of Science degree from Helsinki School of Economics with major in Management Science. Her experience in IT started in 1987 as tasks have been mixed and varied. Now, she is Fennia's Oracle Database Lead, a position in conjunction with the various parties within the company's information technology architecture and infrastructure solution departments. Previous projects have been around creating data warehouse systems for Nokia, Enso Fine Papers, Valio and Orion.</p>  <p>Heli Helskyaho holds a Master's degree (Computer Science) in Helsinki University where she is currently a doctoral student researching Big Data. Heli is specialized on databases. Heli is also an Oracle ACE Director and a frequent speaker in many conferences. She has been working on IT since 1990 and 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. Heli is the CEO for Miracle Finland Oy and the author of Oracle SQL Developer Data Modeler for Database Design Mastery (McGraw-Hill, Oracle Press, 2015), co-author of Real World SQL and PL/SQL: Advice from the Experts (Oracle Press 2016) and one of the first winners of Oracle Database Developer Choice Award, Devvy, on Database Design category in 2015. Heli believes that good database design and good documentation reduces performance problems and makes solving them easier.</p>

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	<p data-bbox="1144 240 1783 272">Discussion Over Beers “GDPR & other DB topics”</p> <p data-bbox="1144 288 1630 320">Joze Senegacnik 🍷, Julian Dontcheff 🍷,</p> <p data-bbox="1144 336 1518 368">Kamil Stawiarski 🍷, Tim Hall 🍷</p> <p data-bbox="1144 384 1653 416">Conference session, 🇬🇧, DB, All Levels</p> <p data-bbox="1865 280 2101 376"><i>powered by</i> AVNET[®] technology solutions</p> <p data-bbox="1144 456 1267 480">Abstract:</p> <p data-bbox="1144 504 2123 632">Grab a beer, provided by our partners AVNET, and join. The discussion will start with GDPR – what we know, what will be the impact for us as DBA and developers, how to prepare. As usual these discussions might evolve into other DB related topics of interest of the audience.</p> <p data-bbox="1339 663 1496 687">Moderators:</p> <div data-bbox="1151 695 1312 911"></div> <p data-bbox="1339 711 2123 743">Joze Senegacnik - Oracle ACE director, OAK Table member, Pilot</p> <div data-bbox="1413 783 1615 1007"></div> <p data-bbox="1637 807 2101 863">Julian Dontcheff - First Oracle Certified Master in Europe</p> <div data-bbox="1167 1046 1375 1294"></div> <p data-bbox="1391 1046 1951 1110">Kamil Stawiarski - Oracle Database Whisperer, performance maker and story teller</p> <div data-bbox="1458 1158 1653 1382"></div> <p data-bbox="1671 1174 2085 1238">Tim Hall – the well known Oracle blogger at https://oracle-base.com</p>

