IBM Systems Technical Symposium - Moscow, 16-18 September 2013

System x & PureSystems Sessions				
Information Infrastructure				
IBM Blade Server Integrated Offerings	With the announcement of IBM's new PureSystems family came the delivery of a whole new technology platform, IBM PureFlex & FlexSytems. Now customers have a choice of chassis based integrated solutions. One that will continue to offer support for ongoing projects extending consistency beyond the last decade. And another that can provide the latest technology with a platform consistency for the next decade going forward. This topic will take a look at the status and direction of IBM's BladeCenter and FlexSystems and compare the values each has to offer.	Lecture	Inter	Steve McKinney
Enterprise X-Architecture	As customers look into cloud computing there are many key challenges in their data centers... underutilized servers with costly software licenses, rising management costs, space constraints and maxed out power. IBM's next generation enterprise X-Architecture is specifically designed to respond to these challenges with leadership performance, new levels of server and blade scalability and unmatched reliability for higher workload utilization and consolidation. This topic will cover an overview of the technology, products (x3850, x3950, x3690 & HX5) and solutions our current eX5 offerings deliver... and yes there will be an eX6.	Lecture	Inter	Steve McKinney
System x High Volume Update	Get an update on the latest M4 offering and the High Volume portfolio. The presentation delivers a review of product positioning, portfolio design, product offering, current value propositions and directions on our high volume x86 servers. Focused on the product details down to the feature and function of all new M4 servers, attendees will get an appreciation for how IBM differentiates these offerings in this high volume segment.	Lecture	Basic	Steve McKinney
Optimizing Workload Applications with IBM System x Options	Due to the broader adoption of server virtualization, IBM System x servers are integrating more memory, storage and networking content to maximize return on IT investment. Selection of server option components to optimize clients' workloads, implementing the latest solutions, and optimizing overall server performance while meeting required power consumption is thus more critical than ever. But with a diverse array of offerings the component selection can be challenging. This session will cover current , trends in cloud, virtual desktop, big data and analytic workloads with focus on how and which System x options provide the ideal building blocks to enable those solutions.	Lecture	Basic	Gary Robinson

Enabling System x Solutions with Flash Storage	The growth of cloud, VDI, Big Data and Virtualization workloads have created opportunities and new challenges for clients to improve IT efficiency. Flash storage has proven to be a disruptive technology to improve these diverse solutions. With the availability of many different flash form factors (SSD, PCIe, hybrid SSD), the challenge is now how to make the optimal technology choice. This class will describe what makes IBM's flash strategy and the IBM System x flash portfolio unique, and provide guidance to sellers and clients for which technologies to implement to best improve the client workload.	Lecture	Basic	Gary Robinson
x86 Virtualization Strategy	Virtualization is a key enabling technology to build a dynamic infrastructure. Virtualization technology is a large part of solutions in servers, storage, networking and client systems. IBM has a rich portfolio of offerings to assist our clients in leveraging this technology. In the x86 server space, we do this by partnering with providers of industry standard hypervisors including VMware, Microsoft and the Linux community. We then provide a range of platform offerings – both “scale up” and “scale out” – to create a solid foundation for a virtualized infrastructure. But perhaps most important is the focus on enhancing the manageability of the total solution and integrating management of the core platform with the virtualized environment, regardless of the choice of hypervisor. With a strong foundation of virtualized infrastructure, cloud technologies can extend and enhance the ability to deliver new levels of capability. IBM is delivering cloud solutions that bring significant value to customers with a wide range of solution needs.	Lecture	Basic	Steve McKinney
Virtualizing the Desktop	Gartner predicts that “desktop virtualization, has the potential to outstrip server virtualization” when it comes to overall ROI. And according to Info-Tech “the technology has advanced such that virtual desktops can now deliver a full range of desktop PC experiences’. This topic examines the opportunities that today’s organizations have to improve security, simplify device management and reduce the cost of their PC environment through the centralization of a hosted client implementation. Discussion elements include an architectural review and the strengths and limitations of the variety of different approaches available today... shared resources and virtual hosted clients. It will also introduce IBM's latest totally integrated solution, the IBM SmartCloud Desktop Infrastructure powered by Citrix, VMware or HyperV. This session will help customers and IBM business partners to understand how IBM SmartCloud Desktop Infrastructure transforms the traditional desktop in to next generation workplace.	Lecture	Basic	Steve McKinney
Networking				
Smarter Networking for Smarter Data Centers (Pure System and more)	This session will focus on the changes in data center networking induced by increasing virtualization, virtual machine mobility and Cloud Computing in the data center. The current data center architecture needs a fundamental revision in order to prepare for the next generation and the synergies between servers, storage and networking is more important than ever before. This session will discuss the IT trends and requirements, IBM’s Networking strategy, a portfolio overview and innovations that provide competitive differentiation and value for building smarter solutions	Lecture	Basic	Andy Wright

How and Where Should We Use Software Defined Network (SDN)?	SDN holds the promise to revolutionize how we build Networks by closely aligning the applications requirements with the networking characteristics. With a simple graphical interface, IBM's Programmable Flow Controller (PNC) is centrally defining all flows within your Network allowing you to increase your applications performances, enhance your network security and build an optimal resiliency scenario. This session is looking a real life scenario on how SDN achieved the above listed benefits. We will share experiences and recommendations based on IBM's early leadership in supporting SDN standards like OpenFlow.	Lecture	Inter	Andy Wright
Datacenter Network Convergence (NAS, iSCSI, FCoE) for PureSystem, System x and Power	–As datacenters evolve towards 10 GbE networking and beyond it becomes attractive for clients to consider eliminating parallel LAN/SAN infrastructures in favor of a single converged Ethernet fabric. However, many sellers are focused on pushing boxes out of the door and not engaging clients in a discussion that will offer them the best guidance in a rapidly changing technology environment. With LAN-SAN Convergence, clients are really hungry for some straight talk. When is it happening? Is there just one option (e.g. FCoE) or should they look at other possibilities? In this talk we discuss drivers for LAN-SAN convergence, possibilities and limitations of various approaches.	Lecture	Inter	Andy Wright
Seamless Integration of IBM System Networking with Cisco Networks	In this course, you will see specific examples of how IBM System Networking for Pure System, System x or Power can easily connect into Cisco Catalyst or Nexus networks. Topics of discussion will include Easy Connect mode which allows for transparent connectivity into Cisco environments, Unified Fabric Port (UFP) and Switch Partitioning (SPAR)	Demo	Inter	Andrey Naydenov
Building a Software Defined Network with the IBM Programmable Network Control (OpenFlow)	In this session we will take a deeper look into the technical details of how to configure and build a software defined network using the industry standard OpenFlow protocol, leveraging IBM's Programmable Network Controller. In addition to a technical discussion, this session will also include demonstrations	Demo	Inter	Slawomir Slowinski
Software Defined Networks- Distributed Overlay Virtual Ethernet (DOVE)	Discussion on IBM's Distributed Overlay Virtual Ethernet capabilities of SDN VE which enables administrators to implement Virtual Application Networks (VANs) with network services that are transparent for cross-data center orchestration, automation and mobility of virtualized workloads.	Demo	Inter	Slawomir Slowinski
Server Virtualization and the Data Center Network	This session will explore aspects of provisioning and configuring virtual networks and the role that VMready and IBM's virtual switch - SDN VE (5000V) play along with how 802.1Qbg is used to manage virtual machine migrations across the network. We will also discuss configuring the VSI Database in Flex System Manager, and how IBM System Network Switch Center can be used for automatic discovery of switches, integrated management, deployment and monitoring of the data center network.	Demo	Inter	Andrey Naydenov
Datacenter Network Convergence (with FCoE) In Transparent Mode For PureSystems	Learn how to build an end-to-end FCoE IBM Solution that will converge both Ethernet and Fibre Channel in transparent mode. This session will examine all transparent mode scenarios at the Pure chassis level via SI4093, CN4093s, at Top of Racks level via G8264-CS, provide FCoE storage to an existing full SAN FC fabric and discover how easy it is to implement such scenarios.	Demo	Inter	Slawomir Slowinski

Systems Management				
Systems Management with IBM's latest Systems Director 6.3	Management of System x, BladeCenter and FlexSystems is designed to be tailored to the needs of individual environments. Hardware level "built in" management is provided with the Integrated Management Module. Independent, purpose specific tools to deploy, configure, update, and diagnose systems are provided via Tools Center. Finally, IBM Systems Director 6.3 is a platform management foundation that streamlines the way physical and virtual systems are managed across a multi-system environment. This session will review these management options, position IBM Systems Director within the family of IBM systems management offerings, overview the components that comprise a Systems Director implementation and demonstrate the product in action. Demonstrations typically include various aspects of monitoring, energy management, updating, controlling, and configuring System x and blade servers.	Demo	Inter	Steve McKinney
Managing a Virtual Infrastructure	The move from large numbers of stand-alone x86 servers to highly consolidated, virtualized solutions is well underway. The new challenge facing this virtualized infrastructure is how to manage it. This presentation looks at the functions IT managers are demanding from their management platform as the underlying infrastructure moves from virtualized, to automated, to optimized. The role of IBM Systems Director within the overall management platform is discussed and examples of the value that Systems Director brings to the solutions will be demonstrated.	Demo	Inter	Steve McKinney
IBM PureSystems				
IBM PureFlex Express, Standard & Enterprise Editions	Learn about how IBM PureFlex came to be, with the journey from initial 'clean slate' projects to 'IBM PureSystems', and how it now fills a growing market need for 'Expert Integrated Systems'. Learn about the PureFlex Express, Standard, and Enterprise configurations. Understand what those systems are; what is included inside from compute to storage, as well as how they are delivered and the services that accompany them. Learn how additional elements can be added by customers over time, and how IBM achieves customer flexibility while also delivering an integrated system. Get a better understanding of the strategy that is driving PureSystems and see a preview into the future PureFlex elements yet to come.	Lecture	Basic	Steve McKinney
Integrated Solutions with PureSystems Offerings	As data grows more and more complex, a simpler approach to managing IT is needed. Capturing and automating what experts do – from the infrastructure to the application – to make IT easy to deploy and manage. By combining the flexibility of a general purpose system, the elasticity of cloud and the simplicity of an appliance, expert integrated systems have the ability to transform the IT lifecycle. Procured as a single system, with a single product ID, all components are pre-selected and pre-integrated in the factory, eliminating the complexity of setting up components. This session will review the strategy and offerings for IBM’s new PureSystems family including PureFlex, PureApplicatioin and PureData..	Lecture	Basic	Steve McKinney

IBM Flex System Manager	This topic does a deep-dive into the systems management capability of the PureFlex System. It includes: Flex System Management overview, architectural implementation, integrated management functions, and chassis management module. The Flex Systems Manager is Integrated by design to provide management integration of physical and virtual compute, storage and networking resources from a single point of control. It is implemented via a high performance scalable systems management appliance based on the IBM Flex System x240 Compute Node. This FSM hardware comes preloaded with systems management software which enables you to configure, monitor and manage IBM Flex System resources.	Demo	Inter	Steve McKinney
Quick Start Guides for IBM PureFlex Systems Part 1	IBM PureFlex Systems management centered on the components of the Chassis Management Module (CMM) and the Flex System Manager (FSM). These components require initial setup and other components need initial configuration in order to effectively manage the chassis resources. IBM has defined a series of startup procedures called Quick Start Guides for the various setup conditions. This session covers some of the basic procedures in the Quick Start guides for IBM PureFlex Systems.	Lecture	Basic	Charles "Rusty" Pierce
Quick Start Guides for IBM PureFlex Systems Part II	IBM PureFlex Systems management includes step-by-step configuration of compute nodes by configuring local storage, network adapters, boot order, and Integrated Management Module (IMM) and Unified Extensible Firmware Interface (UEFI) settings. It also includes the ability to create VMs, install guest OS, Configure virtualization management via VMControl and assist with image capture, and image deployment.	Lecture	Basic	Charles "Rusty" Pierce
Chassis Management Module and Integrated Management Module Hands-On Lab	The Chassis Management Module (CMM) is one of five key components of Systems Management in the IBM Flex System, and provides single chassis management. Come and see how the CMM provides system monitoring, event recording, and alerts; and how it manages the chassis, the devices, and compute nodes. In addition, we will show the new Integrated Management Module II (IMMv2) -- the next generation of IMM -- and how it provides basic management of the Intel Compute Node.	Lab	Basic	Charles "Rusty" Pierce
IBM Flex System Manager Hands-On Lab	BM Flex System Manager (FSM) is a high-performance, scalable systems management appliance based on the IBM Flex System x240 Compute Node. This FSM hardware comes preloaded with systems management software, which enables you to configure, monitor and manage IBM Flex System resources. Come to this session for a test drive.	Lab	Basic	Charles "Rusty" Pierce
Configuring an x86 compute node using configuration patterns	IBM Flex System Manager version 1.2 includes configuration pattern support for IBM Flex System chassis and X-Architecture compute nodes. Configuration patterns allow for quick, step-by-step configuration of compute nodes by configuring local storage, network adapters, boot order, and Integrated Management Module (IMM) and Unified Extensible Firmware Interface (UEFI) settings. Once you define a configuration pattern, you can store it and deploy it to one or many compute nodes. A series of hands-on lab exercises shows the steps necessary to create, save, and deploy a configuration pattern that can be used to perform the initial configuration of a compute node.	Lab	Inter	Charles "Rusty" Pierce

Deploy a compute node image to an x86 compute node	IBM Flex System Manager v1.2 supports “bare metal” installation of an operating system image to an X-Architecture compute node. Through the IBM Flex System Manager user interface, you can deploy operating system images to one or more X-Architecture computes nodes. A series of hands-on lab exercises shows the steps necessary to deploy a compute node image to an x86 compute node.	Lab	Inter	Charles "Rusty" Pierce
Storage Sessions				
Data Protection				
Disk Encryption		Lecture		Mo McCullough
Tape Encryption		Lecture		Mo McCullough
IBM Encryption Solutions		Lecture		Mo McCullough
Business Continuance/Disaster Recovery 2013 Update	Major disasters have occurred over the past few years: Hurricane Katrina flooding New Orleans, the NYC World Trade Center collapse, the Sendai, Japan tsunami. Part 1 of this presentation will focus on important principals, lessons learned, and metrics used in developing a practical and affordable Disaster Recovery Plan. Avoiding mistakes made by other IT organizations when developing a DR plan will be discussed. Part 2 will highlight the foundational IBM hardware, software, and Cloud-based offerings which can help build a sound BC/DR infrastructure and assist in economical solutions to enable an appropriate level of protection. Recent enhancements to System z GDPS, System p PowerHA + Storage reference architectures, and Tivoli System z automation products will be reviewed. Attendees will learn some of the key considerations when developing an IT DR Plan, how to measure the effectiveness of the Plan, and some of the principal hardware and software components of the Plan.	Lecture	Inter	Vic Peltz
One more session from Vic on BC/DR		Lecture		Matthias Werner
DP&R		Lecture		
Flash				
Assessing The World of Flash: Who are the Competitors, the Innovators, the Followers, the Leaders?	Let's have a discussion about the world of Flash; who are the players, the competitors, the innovators, the followers, the leaders. A high level overview and understanding of "why not all flash solutions are the same". Analyze the elements that place IBM's Flash strategy at the spearhead of this new and strategic technology for storage. This session will not deep dive on feeds and speeds of flash solutions, but will give the audience a concise understanding of flash options' benefits, value and strategic positioning within the Client's organization.	Lecture	Basic	Sterling/Adrian
FlashSystem: Value and Features		Lecture		Sterling/Adrian
Where to Put Flash in the Data Center		Lecture		Sterling/Adrian
Best Practices SVC and FlashSystem 820		Lecture		Sterling/Adrian

Misc				
Energy for IT: Power and Cooling Solutions for the 21stt Century	Energy consumption in the data center has become a principal concern within the IT community. Historically, data center planners only were concerned with having access to sufficient electrical power to meet current and anticipated future demand, and that the sources of power are sufficiently stable to meet the availability requirements of the datacenter. Today, in many System p, x, and z data centers world wide, managers are learning it may not be possible to acquire additional power to meet their growing demands or that the cost of the power is becoming prohibitive. This session will: review some ways installations can improve their energy efficiency, discuss work that is ongoing with Storage Networking Industry Association (SNIA) and the U.S. Environmental Protection Agency (EPA) to help them develop energy efficiency standards for IT storage equipment, and review industry Consultants' opinions and recommendations on how to improve data center power and cooling efficiency.	Lecture	Inter	Vic Peltz
Introducton to Big date and Buisness Analytics, what is it, how can it be used	This session will introduce one of the emerging hot topics in business today: using massive amounts to data from multiple sources to provide improved insights, in some cases in real- or near real-time, for making decisions that can enhance business competitiveness. The presentation will illustrate that one does not need advanced mathematical training to gain useful and actionable business-related insights from the data that is available. This session will introduce some of the foundational concepts for big data analytics, and discuss examples of how forward-looking companies are using IBM solutions to analyze their data. The presentation also includes pointers to educational material that will help you get started learning about the Big Data ecosystem.	Lecture	Inter	Vic Peltz
What are the Industry consultants saying about IBM storage in 2013?	: Gartner Group, ESG, Forrester Research, Evaluator Group, TechTarget and other storage industry consultants publish reports assessing IT vendors' storage products. Gartner Group has recently changed the entire structure of their storage Magic Quadrant Research Papers. This session will summarize Gartner's changes, current industry consultant White Papers dealing with IBM's storage products, and discuss what the consultants believe to be the strong and weak points of these products. This session will be beneficial to installations that are considering acquiring or upgrading IBM storage and IBM representatives who wish to discuss a consultant's commentary with their clients.	Lecture	Inter	Vic Peltz
N_Series Update	IBM N series is the preferred choice if you look for superior NAS capabilities and extended integration with your applications and virtual environments, like VMware and PureSystems! N series is built on +20 years of experience in File Storage solutions, and IBM has recently introduced a wealth of new systems and options in this segment. In this session, you will learn how to position N series, what the functions and features are, how SSD's can be leveraged with NAS storage and you will learn about the details of "Clustered ONTAP" which is scheduled to be made available with N series this Fall.	Lecture	Inter	Matthias Werner

Storage Product Update	The 7x24 availability requirements, cheap disks and ample bandwidth have enabled new ways of providing data protection and backup: Deduplication and compression techniques are being implemented across the storage hierarchy and snap-technology –often coupled with cloud archive approaches- is offered as a quick means for backup. But Tape technology is breaking the multi-TB per cartridge barrier, LTO 6 was introduced late last year and LTFS provides entirely new ways of using tapes! This session highlights the unique advantages tape storage has. It summarizes the state-of-the-art IBM tape technology and roadmap and more importantly, where and why to use tape, how to position IBMs deduplication solutions and presents considerations related to archiving and compliance topics.	Lecture	Inter	Matthias Werner
Network/SAN				
SAN Fundamentals effective zoning	Zoning is a feature that is used to effectively manage SAN-attached devices. Good zoning implementations are an excellent means to maximize resource utilization while maintaining data security and minimizing potential impacts due to misbehaving ports. Zoning is also a key component of successful, heterogeneous open systems SANs. This presentation will discuss the reasons to use zoning, various implementation methods when configuring zones, along with some general guidelines, tips and techniques Many of the techniques and implementation methods will be highlighted with examples, such as AIX LPM implementations and using aliases for SVC, along with several customer case studies showing less than optimal results to avoid.	Lecture	Inter	Jim Blue
FCoE Advance Intro	Fibre Channel over Ethernet (FCoE) is a maturing protocol that is being deployed by many SAN vendors and customers. Learn about how this protocol and technology works, and how it differs from Fibre Channel. This session will cover Ethernet flow-control mechanisms that are required for FCoE to function and the status of enhancements and additional standards development. There will be a "lessons learned" segment which is based on customer cases which have been handled within the SAN Central defect-warranty support team.	Lecture	Adv	Jim Blue
SAN Best Practices	Whether a SAN is simple or complex, many customers want to have a single source for guidelines and general "rules of thumb" on best practices in SAN environments. However, many vendors and industry organizations have not necessarily published formal and/or concise documentation of best practices to fulfill the needs of SAN and storage administrators. This presentation will present a broad spectrum of basic guidelines and their benefits towards effective SAN management including change management techniques to help simplify the complex and have consistently managed environments. Every point is based on previous customer experiences and thus have a real-world basis.	Lecture	Inter	Jim Blue
Protractive Monitoring of Brocade fabrics	Many customers want to have rules and guidelines about how they can proactively monitor their SAN nvironments. While there is a plethora of documentation about how to use various tools, such as Fabric Watch and Network Advisor, specific configuration parameters and suggested threshold values fall into the "it depends" category. This session will present more specific information for what to watch to better manage a Brocade switch based SAN environment. customer case studies will be included	Lecture	Adv	Jim Blue

Trouble shooting SAN Performance issues	With complex fabrics, the SAN administrator has greater difficulty with troubleshooting SAN performance problems. This presentation will provide a general approach to troubleshooting performance issues as well as connectivity issues. Discussion points include an brief overview on change management, what information to have before a problem occurs, where to start troubleshooting, some of the data needed to be collected, and sampling of the tools and techniques to accomplish the various tasks. Several customer case studies will be presented to illustrate some of the principles and techniques presented in this session.	Lecture	Adv	Jim Blue
Virtualization				
DS8000 Update and New Features	This session will present an overview of IBM's flagship Enterprise storage system the DS8870 and review the recent DS8870 announcements which were made in June 2013.	Lecture	Adv	Vic Peltz
TS7000Update and New Features		Lecture		Mo McCullough
XIV Update and New Features		Lecture		Mo McCullough
Storwize V7000 Unified easy implementation		Lecture		Artem Smirnov
SAN Volume Controller and V7000 Best Practices		Lecture	Inter	Artem Smirnov
Competitive Sessions				
How to deal with ULA and other Oracle licensing	This presentation describes the behaviour and politics around Oracle licensing. It's a deep dive about contracting, and how to respond on it. Including some tools, methods and teams who can help in a Oracle license discussion.	Lecture		Ingolf Wittmann
The IBM Migration Factory	Workload migration to a new platform is always a challenge. Fear of migration is a major objection to moving to a better and more cost-effective hardware platform. IBM Migration Factory's mission is to help customers to move to an IBM platform. We will minimize cost, risk and time of migrating through leveraging many person-years of application migration experience and using proven tools and methodologies.	Lecture		Alexander Perminov
How to migrate a SAM-FS environment to a IBM solution	"SAM-FS (Storage Archive Management - File System) is becoming more and more expensive for customers because of licenses & warranty costs. IBM was developing an alternative solution to SAM-FS based on Tivoli HSM & GPFS with a specific extension to read SAM-FS environments for migration. Impact for the infrastructure is very limited because of - Full support of the current IT Infrastructure - Transparent support of SAM-FS functionality in the new environment - Attractive IBM license and services model - Integration of additional file systems as possible - Transparent painless migration capabilities of SAM-FS data during operation This session will cover the strategy, technology, best practices and customer cases."	Lecture		Ingolf Wittmann
TCO comparison of running Oracle on Oracle vs Oracle on IBM	You will discover real cost and performance comparison for solutions from both vendors. Price/Performance will be presented for Oracle Exadata/Power + SSD/Flash Systems	Lecture		Dmitry Volkov

Architecture Sessions				
Lecture about IBMs mobile computing & strategy		Lecture		
Accelerating Cloud Strategy and Implementation	What is the best way to start or move to the next level with Cloud Computing? Which cloud capabilities and technology should come first, which should come later and which should I avoid? What is the right combination of private (internal) and public (external) cloud services for me - right now today, as well as in the future? IBM's experiences from 1000s of customer-based Cloud Computing scenarios is the basis for an approach to quickly define the right Cloud Computing Strategy and implement Cloud Services that produce measurable value.	Lecture		David Janson
Cloud Patterns	Cloud continues to transform how technology delivers business value in every industry. It is estimated that the majority of companies will be leveraging Cloud to help deliver services by the year 2015. However, Cloud is still an evolving space. Much like the internet was in the early 90s, speculation about where Cloud is headed is prevalent. IBM is at the forefront of this maturing market and is helping our clients determine what Cloud means for them all over the world. As a result, they are in a unique position to provide clarity on the usage and value of Cloud in the real world. In this session, we highlight commonly seen real world use-cases for Cloud, what our customers are doing with Cloud, and the benefits they are realizing.	Lecture		Brent Taylor
Big Data Solution based on PowerLinux servers	This presentation explains the architecture and components needed for designing a Big Data Solution based on PowerLinux servers. It examines the benefits of designing PowerLiunx implementations based on the IBM Big Data Framework. Several use cases and deployment scenarios are discussed where PowerLinux servers were implemented. It examines how the POWER technology translates into customer benefits. Details are provided on the products that are available and hardware and software stack for PowerLinux solutions. It also provides a overview of how the PowerLinux based framework compares to the IBM x86 based framework. Extend to Power	Lecture		Miroslav Iwachow
Architectural approach to infrastructure projects	Actually, there is not any pure product or single brand related project on the market. Today's highly competitive environment requires to choose proper approach to address client's needs, often even to disclose them. Underestimation of requirements and relations should lead to troubled/delayed/unsuccessful delivery. This presentation will show the impact of Architectural Thinking approach to infrastructure related projects and positive experience when Architect brings wider view on project's context into discussion.	Lecture		Michael Soucek

IT assessment before modernization	Session will describe major trends and tendencies in the Russia IT market based on Dynamic Infrastructure Workshop results provided from 2009. Speakers will cover the following topics: Major goals and business-initiatives for the customers in RCIS Current and desired states of IT infrastructure development in different industries (banking, aerospace&defense and other) Level of interaction between business and IT	Lecture		Dmitry Tyakhti
Long Term Digital Data Preservation - Will the next generations have access to digital information created today ?	The presentation covers problems and issues related to long term digital data preservation. Describes the characteristic of realms where long term digital data preservation is needed such as multimedia, science or medicine. Indicates, what kind of models/reference architectures can be used. Tries to answer the questions such as: - Does the existing technology is good enough to protect digital data for long period of time? - Does and how regulations help/force us to build long term digital archives? Discusses the challenges and obstacles when designing solutions of this kind and gives the example of a solution architecture supporting the long-term digital archives.	Lecture		Piotr Benke
		Lecture		
Value of Business Analytics	Two topics - 75 minutes total Value of Analytic Solution for the business IBM Solutions and BI instruments for the Business	Lecture		Gayane Arutyunyan
Beyond Moore's law - what next?	What is Moore's Law and is it still valid? What is the current status and future development in the processor technology? A 10 years technology view into the future: What technology will work for us? The presentation is all about these three question and will find answers which are not expected by many people! This session will start from the ancient history of technology, moving to the base material of processors, covering to processor technology models and deriving new compute models and infrastructure solutions out of that. At the end we will answer the question if Moore's law is still valid. Everybody is invited to join the session to have a discussion what that means to infrastructure environment in ten years or beyond.	Lecture		Ingolf Wittmann
Introducing the IBM Moscow Design Center and the value it can bring to you and your customers	In June, 2013, IBM STG established a new Design Center function. The Moscow Design Center for RCIS is a new function but based on an IBM global model. Come and hear about what this new function is, the services it provides and how it could help you and your customers find new solutions.	Lecture		Mark Ashton
What motivates technical professionals	Have you ever wondered what motivates technical people and if you had this knowledge how you could apply it in your work environment? Come and hear about practical experiences of how to motivate technical people and how you could apply this new knowledge in motivating your own technical teams.	Lecture		Mark Ashton

Power Sessions				
Software Defined Environments in action	See how Smart Cloud Entry and Smart Cloud Orchestrator are used in multi-cloud environments.	Demo	Intermediate	Krzysztof Sprawnik
Cognos on Power Lab	The goal of this lab is to catch the basic principles of designing a Business Intelligence Application with COGNOS Framework Manager and integrate the baselines of building intelligent reports with COGNOS 10. At the end, you will better understand Power Value for Intelligent Cognos Reports.	Hands-on lab	Introductory	Christophe Menichetti
Power HA/DR implementation best practices Deep dive	This deep technical session is mainly focused on IBM PowerHA EE. The goal is to explain how it choose right solution for the customer. Explain PowerHA Enterprise Edition features. Give tricks and tips. It is includes the following major points: - IBM PowerHA overview - Typical configurations - How to check installation prerequisites - DR solutions with IBM storages - DR solutions with other vendors storages - Applications support - Tips and trics - Q&A session	Lecture	Intermediate	Igor Kokovkin
Volkov Dmitry	Do you want to know what's behind Power7+ superiority over previous generation Power 7 and other vendor systems like Oracle with their Exadata and SPARC servers? Are all virtualization technologies the same? How to choose the best server for your workload based on virtualization and processor performance?	Lecture	Intermediate	Dmitry Volkov
Licensing Oracle Database on IBM Power Systems servers	Usually business considers IT as costs only. This section will cover Oracle rules for licensing Oracle database on Power systems and tips how to optimize the licensing cost.	Lecture	Intermediate	Dmitry Volkov
Best practices for planning, installing and tuning Oracle database 11g on IBM AIX	Despite the fact the installation itself seems to be a simple process which requires only proper following the instruction, on IBM AIX applying the same rule may result in loss of many possibilities. Usually Oracle DBAs prefer to see the OS, however real professionals should take into consideration the hardware capabilities behind this OS. Let me give you two examples. First is to get the maximum performance you should consider the size of LPAR, physical positioning of LPAR within the server and know the specifics of the LPAR's behaviour in different modes - shared / dedicated. Second is when the new possibilities of HYPER together with the new AIX TL change the system's behaviour and behaviour of your Oracle accordingly. In other words, good old manual instruction-based installation of the Oracle DB is transforming to the next generation of hardware / system software planning.	Lecture	Intermediate	Dmitry Volkov
Big Data/BI For Dummies: Power your analytical knowledge	This session targets those with little or no knowledge of Big Data/Business Intelligence domain. What is BI ? What is Big Data ? What is the difference between Big Data and BI ? What are the possible architectures? How does it work? How does Power Systems fit? Do not hesitate to join this session and ask many questions.	Lecture	Introductory	Christophe Menichetti

AIX performance assessment methodology and practice	This deep technical session is mainly focused on AIX Performance assessment methodology and tips in real AIX environment. The goal is to show how to figure out what is performance actually is and how to measure it. It is includes the following major points: - Monitoring tools, - CPU/Memory/IO from AIX point of view general survey - AIX tuning triggers , - Best Practice. At the end of this session IBM Business Partners and Clients will have links to needed documentation to AIX performance tools and infos, understand how to correctly implement monitoring of AIX/Power environment and how to interpret result.This session will be interested for technical persons and technical analytics.	Lecture	Advanced	Maxim Smetankin
Oracle Database Migration from RAC to Single Instance PowerHA	A presentation about a customer Oracle database migration from Oracle RAC to Single Instance with PowerHA.	Lecture	Intermediate	Ali Figlali
IBM i Trends and Directions		Lecture		
A Look at IBM i 7.1 and the Technology Refreshes		Lecture		
Intro to VIOS with IBM i for Flexible Storage and Networking		Lecture		
IBM i Availability Update		Lecture		
What's New in IBM i 6.1 and 7.1 Security		Lecture		
DB2 for IBM i New Technology Overview		Lecture		
IBM i Storage Options Overview		Lecture		
IBM i Performance - Monitoring, Tuning, and Trending		Lecture		
Five Practical Examples of using IBM Systems Director for IBM i		Lecture		
LAB: Implementing an IBM i partition on VIOS		Lab		
Meet the new IBM i Access Client Solution		Lab		
IBM i: Network install, upgrade and update		Lab		
IBM Systems Director 6.3 and VMControl 2.4 is a Foundation for Cloud Computing	Deploy an AIX virtual Server in less than 2 minutes with VMControl 2.4 using Storage Copy Services (SCS) which is a faster alternative to NIM for capture and deployment of virtual appliances (AIX, Linux and IBM i)	Demo		Thierry Huche
Active Memory Expansion with Oracle on POWER7 Lab	In this Lab you will learn how to configure an AIX LPAR on POWER7 to use Active Memory Expansion (AME). You will enable LPAR to use AME as well as how to use the amepat tool to view current and recommended configurations. You will use Oracle Workbench to simulate the workload	Lab		Thierry Huche
Flex System Manager to manage PowerVM	Deploy an AIX virtual Server in less than 2 minutes with Flex System Manager using Storage Copy Services (SCS) which is a faster alternative to NIM for capture and deployment of virtual appliances (AIX, Linux and IBM i)	Demo		Thierry Huche
Live Partition Mobility and NPIV Lab	NPIV (N_Port ID Virtualization) is a fibre channel industry standard method for virtualizing a physical fibre channel port. This port is used by Logical Partitions as Virtual Fibre channel adapter through the Virtual I/O Server. Live Partition Mobility take advantage of NPIV to allow migration of Partition with Physical Fiber Adapter using a virtual Fibre Channel as temporary adapter during the migration.	Lab		Thierry Huche