edge·ucation*

*the cutting-edge **technical** sessions and labs offered only at IBM Impact 2007

mini brochure

IBM 2007 IMPACT

✳ technical track sessions

We are emptying the IBM labs and bringing the experts to you. At IBM Impact 2007, you will meet our top developers, our leading architects and our best technical implementers—all in one location. As you have heard, the IBM WebSphere Technical Exchange (WTE) and the Transaction & Messaging (T&M) conferences have become Impact 2007, to be held May 20–25, in Orlando. Impact 2007 will have all the great technical education you have come to expect from WTE and T&M, with the most complete coverage of world's most advanced messaging, enterprise software and middleware portfolios—now in an expanded new venue that offers even more value.

The technical agenda at Impact 2007 includes more than 300 unique sessions and hands-on labs as well as the opportunity to take IBM product certification tests. If you're a developer, architect, administrator or integrator of the IBM WebSphere® and IBM CICS® family of products, the Technical track is where you want to be.

Latest product and technology information
You will learn the latest product information, tips and techniques grounded on best practices for developing and managing your WebSphere, messaging and CICS applications. You'll also gain additional insight into the latest in emerging technologies, from Web 2.0 to Java™ EE 5, Eclipse, Web Services, Ajax and more.

Sessions include:

- Latest product and technology updates from top IBM developers
- Best practices approaches developed by experienced practitioners
- Hints and tips from product support
- Case studies
- Panel discussions
- Hands-on labs
- Certifications
- Meet the experts

All learning levels

Sessions will include introductory, intermediate and advanced material, with an emphasis on technical education sessions for experienced users of WebSphere Application Server, WebSphere integration and messaging products, and CICS products. Sessions provide extensive coverage of core middleware technologies, with a technical focus on security, performance, administration and development, with the emphasis on service oriented architecture (SOA) at a practical level.

Great product coverage

Dozens of products will be covered at this conference, with special emphasis on:

- CICS Transaction Gateway
- CICS Transaction Server
- CICS tools
- IBM Rational® product family, including Rational Application Developer
- WebSphere Application Server
- WebSphere DataPower® SOA Appliances
- WebSphere Enterprise Service Bus
- WebSphere Extended Deployment
- WebSphere Integration Developer
- WebSphere Message Broker
- WebSphere MQ
- WebSphere Portal Server
- WebSphere Process Server
- WebSphere Service Registry and Repository
- WebSphere Transformation Extender

For an updated, complete list of Technical track sessions, visit:

ibm.com/software/websphere/events/impact2007/pdf/technical_track_abstracts.pdf

For additional Impact 2007 conference information, visit:

ibm.com/events/impact2007

Note: Content in this brochure is provided "as is" with no express or implied warranties of any kind. The brochure content is subject to change without any notice or obligation on the part of IBM. This is a partial view of the sessions that are planned for the IBM Impact 2007 conference. For up-to-date information and additional session details, please visit **ibm.com**/events/impact2007.

✳ application server track

This track covers products within the WebSphere Application Server family, including WebSphere Application Server itself, WebSphere Application Server Community Edition, WebSphere Application Server Network Deployment, and WebSphere Application Server for z/OS®.

Here are the key technical topics covered by sessions in the Application Server track:

- WebSphere Application Server administration, performance, security, and migration tips and techniques
- WebSphere Application Server V6.1
- Using Jython for WebSphere Application Server scripting
- WebSphere Application Server Feature Packs for SOA, Web services, and EJB3
- Understanding and optimizing the Java virtual machine (JVM) for WebSphere Application Server
- Problem determination, performance, high availability and security

- Virtualization
- WebSphere Application Server on the IBM i5/OS® platform
- WebSphere Application Server for z/OS
- Intensive, hands-on, 2.5-hour labs led by IBM experts, including:
  - Assembly, deployment and testing using the WebSphere Application Server Toolkit (AST)
  - How to build and deploy applications using WebSphere Application Server Community Edition

✳ architecture track

The Architecture track can help you build the skills and knowledge you need to better align your IT infrastructure with your company's business strategy and business goals. Architects and developers agree that SOA is the optimal long-term framework for realizing this business-IT alignment. The Architecture track shows you how to develop your SOA, with emphasis on the IBM SOA Foundation — an integrated, open-standards-based set of software, services, best practices and patterns for building an SOA.

Come and learn more about SOA architecture and strategy, Web services, and more. Key technical topics covered by sessions in the Architecture track include:

- Overview of IBM software strategy and the IBM software product portfolio
- SOA architecture and strategy, including the IBM SOA Foundation
- SOA design and modeling
- SOA implementation skills and best practices
- SOA governance
- SOA as a dynamic information infrastructure; data modeling and master data management

- The new WebSphere Business Services Fabric product
- Web services and reuse, including the WebSphere Web- services strategy
- Intensive, hands-on, 2.5-hour labs led by IBM experts, including:
  - Designing SOA services with IBM Rational Software Architect
  - WebSphere Business Services Fabric

✳ business process management track

Business process developers and architects can choose from more than 40 technical business process management (BPM) sessions taught by IBM's developers and architects.

Here are the key technical topics covered in the BPM track:

- V6.0.2 releases of the WebSphere BPM products
- BPM and Business Process Execution Language (BPEL)
- Business Process Choreography (BPC) and human task interaction
- Problem determination and error handling in such areas as Service Component Architecture (SCA) and human task-based business processes
- The Common Event Infrastructure (CEI) and how it is implemented in WebSphere Process Server and WebSphere Integration Developer

- WebSphere Business Modeler, WebSphere Business Monitor, WebSphere Integration Developer and WebSphere Process Server
- The new Business Administration Console, a Web 2.0 approach to integration-solution administration
- Migration enablement
- Intensive, hands-on, 2.5-hour labs guided by IBM experts, including:
    - How to build a typical enterprise business process
    - How to use WebSphere Business Monitor to model and analyze an enterprise application

✳ CICS and enterprise transformation track

This track includes over 60 sessions aimed at helping you learn how to get the very best from your CICS systems, using CICS tools to increase the ease of application integration, enhance application transformation and improve enterprise management.

You'll hear CICS experts from IBM Hursley—home of CICS—and IBM Dallas Systems Center, and meet IBM Business Partners offering CICS solutions for you to explore. You'll be able to attend hands-on workshops where you can explore the latest performance and management tools for CICS. And you'll gain valuable technical insights into the way that CICS tools complement CICS Transaction Server (TS) to ensure that you get maximum business benefit from your CICS

There are over 60 CICS sessions in this track, including:

- CICS sessions focusing on: SOA, Java, CICS Transaction Gateway (CTG); WebSphere; VSAM; Web services and TCP/IP
- CICS system management, debugging, performance and migration support

- CICS application development with WebSphere Developer for System z™
- Intensive 2.5 hour hands-on lab:
    - Building and deploying Web services with CICS TS V3.1 and WD

✳ development track

This track focuses on tools to help you quickly and easily model, design, develop and deploy new function and applications to meet your company's business requirements. This track is also where you can learn about some of the newest technology trends, such as Web 2.0, Ajax and Java EE 5.

Here are the key technical topics covered by sessions in the Development track:

- Enterprise Java evolution
- The latest on Web 2.0
- Rational road map and strategy
- EJB 3 and its supporting WebSphere Feature Pack
- Extensive coverage of XML from introduction to building applications around XForms
- Future direction of Eclipse tooling, including the Web Tools Platform (WTP) 2.0

- Modeling, including an introduction to UML2
- Intensive, hands-on, 2.5-hour labs guided by IBM experts, including:
  - Getting started with PHP
  - Building EJB3 applications with the EJB 3 Feature Pack
  - Rapid application development with the IBM Rational Application Developer

✳ messaging, integration and connectivity track

This track features over 60 sessions that focus on services connectivity. This track encompasses a range of software and solutions designed to help simplify your IT environment with a more secure, reliable and scaleable way to connect systems and applications within and beyond your business. For specialists in WebSphere MQ or WebSphere Message Broker, you can elect to spend virtually the entire week in sessions devoted to your specialty.

Key technical topics covered by sessions in the Messaging, Integration and Connectivity track include:

- WebSphere Enterprise Service Bus (ESB) administration: deployment, resources and dynamic modification
- Messaging panel Q &A led by Andrew Bainbridge and other product strategists
- Message transformation options in WebSphere Message Broker V6
- Integration of Message Broker with the new WebSphere Service Registry and Repository

- Advanced queue-manager clustering for WebSphere MQ
- Intensive, hands-on, 2.5-hour labs guided by IBM experts, including:
  - DataPower SOA Appliances
  - WebSphere Message Broker Web-services lab
  - Introduction to WebSphere ESB, Version 6.0.2

✱ security and management track

The Security and Management track covers performance and security issues at the level of your system-wide SOA and Web services. Additional performance and security sessions are contained in many of the other technical tracks. The Security and Management track also has sessions on WebSphere Extended Deployment (XD) and IBM Tivoli® Composite Application Manager (ITCAM).

Key technical topics covered by sessions in the Security and Management track include:

- SOA performance best practices from Stacy Joines, co-author of the top-selling WebSphere performance book
- SOA security solutions using Tivoli security products
- Web-services management and SOA governance
- Web-services security
- The latest on WebSphere XD, grid computing, virtualization and optimization

- IBM Federated Identity Management
- ITCAM family of products
- Intensive, hands-on, 2.5-hour labs guided by IBM experts, including:
  - Composite-application management
  - WebSphere XD dynamic operations

✱ WebSphere portal and collaboration track

With more and more companies using portals as front ends for their enterprise applications, it is critical for developers to build their knowledge and skills related to integrating portals with a wide range of applications. This track delves into the latest in portal techniques, trends and technology with IBM's top portal experts and with portal developers from around the world.

Key technical topics covered by sessions in the WebSphere Portal and Collaboration track include:

- WebSphere portal and collaboration tools, including details of WebSphere Portal support for Ajax, Web 2.0 and representational state transfer (REST)
- IBM Lotus® Quickr, IBM's next-generation collaboration offering, including the WebSphere Portal product strategy for integrating with Quickr

- Discover the portlet runtime environment in WebSphere Application Server
- The new WebSphere Portlet Factory offering
- The WebSphere Portal Dojo Toolkit
- Intensive, hands-on, 2.5-hour lab:
  - Building a composite portal application (mashup)

Additional technical sessions in all eight technical tracks are being added regularly. For an updated, complete list of Technical track sessions, visit:

ibm.com/software/websphere/events/impact2007/pdf/ technical_track_abstracts.pdf

For additional Impact 2007 conference information, visit:

ibm.com/events/impact2007

In one short week, you will learn about the latest technologies—from IBM and the latest from the industry—and also learn how to optimize your WebSphere or CICS system for peak performance. Don't miss out—please join us in Orlando May 20–25, at IBM Impact 2007.

Register today!