

## **IITC 2008 – Workshop & Tutorial List**

### **WS1: Securing Mobile Applications**

This tutorial will introduce theories and technologies required to implement secure mobile applications. It also will demonstrate implementation of such mobile applications.

**Resource persons:** Prof. Sead Muftic, CEO, SETECS, USA  
Dr. Kasun De Zoysa, Senior Lecturer, University of Colombo School of Computing

**Target Audience:** Decision makers , managers, technical staff and business stakeholders responsible for mobile application development and deployment

**Date and Time:** 30<sup>th</sup> Thursday October 2008, 9 am. to 12.30 pm.

---

### **WS2: An introduction to Android**

Android is an open source software stack for mobile devices, contributed by developers around the world. This was initiated and led by Open Handheld Alliance which consists of leading corporate entities such as Google, HTC, T- mobile, Qualcomm and Intel. This tutorial will introduce Android and its features, the new business model centered on Android, the technology behind Android, how to design a new customized device to be powered by Android and how you can contribute to Android.

**Resource persons:** An expert team from Zone24x7 (Pvt) Ltd.

**Target Audience:** Enthusiastic software/electronics engineers with good knowledge on software engineering principles

**Date and Time :** 30<sup>th</sup> Thursday October 2008, 1.30 pm. to 5 pm.

---

### **WS3: Mastering Your Research Publication Skills**

Research publications, which are also known as scientific or scholarly publications, play important roles, and all the academics and research degree students are required to publish their research work and findings. This tutorial will help the participants to understand requirements of research publications and will help them in writing and publishing their research work or ideas. It would also discuss the process involved - from idea generation to writing an article to managing the publication.

**Resource persons:** Prof. San Murugesan, University of Western Sydney, Australia

**Target Audience:** Academics, research degree students, and researchers who are in various stages of their career/study

**Date and Time:** 30<sup>th</sup> Thursday October 2008, 9 am. to 5 pm.

**WS4: Designing the Student Experience for E-learning 2.0**

E-Learning 2.0 in higher and vocational education utilises Web 2.0 applications to support collaborative learning, mobile learning, multi modal learning and “my learning” i.e. digital portfolio approaches to assessment. This tutorial will focus on questions of design for the development of higher order thinking through the use of Web 2.0 applications. In particular this tutorial will focus activities on the design of the student experience which involves formative assessment for learning rather than simply the summative assessment of learning.

**Resource persons:** Prof. Brian Hudson, Umeå University, Sweden  
Mr. Hakim Usoof, University of Colombo School of Computing, Sri Lanka

**Target Audience:** Academics, researchers and curriculum developers at all levels,

**Date and Time:** 30<sup>th</sup> Friday October 2008, 9 am. to 5 pm.

---

**WS5: Introduction to SOA and Web Services**

Service Oriented Architecture (SOA) has taken modular programming principals in to the distributed computing environment. The most common approach to implement applications using SOA is to make use of web services. This tutorial will look at key principles of SOA and how Web services technologies can be used to implement them.

**Resource persons:** Mr. Sanjaya Karunasena, Enterprise Architect, WSO2

**Target Audience:** Anyone who has a desire to learn what SOA and web Services

**Date and Time :** 30<sup>th</sup> Thursday October 2008, 9 am. to 12.30 pm.

---

**WS6: Server Side Mashups for enterprise SOA**

Mashups use existing technology to build applications in a couple of minutes, with very low investments. Mashups hold a great hope especially in the enterprise integration world. Developers seem to be realizing this, and companies have already started venturing in to the Mashup tooling arena. This tutorial will introduce Mashups as an enterprise integration tool and will demonstrate how a Mashup Server can be used for developing mashups.

**Resource persons:** Mr. Keith Chapman, Senior Software Engineer, WSO2

**Target Audience:** Anyone who has a desire to learn what Mashups

**Date and Time :** 30<sup>th</sup> Thursday October 2008, to 1.30 pm to 5 pm.

---

**WS7: Information Technology Risk Management**

Risk management is fundamental to banking and financial service sector organizations and there is an emerging pressure to implement sound risk management practices in Banks across the world. This tutorial focus on identifying and analyzing IT risks and developing IT risk management framework models enabling the achievement of IT/business mission of the organization.

**Resource persons:** Mr. Thilak Pathirage, DIR/CEO Cisco Information Security Services Ltd.  
Dr. Kasun De Zoysa, Senior Lecturer, University of Colombo School of Computing

**Target Audience:** Internal controls and risk management decision makers , managers, technical staff and business stakeholders responsible for risk management

**Date and Time:** 31<sup>st</sup> Friday October 2008, 9 am. to 5 pm.

---

**WS8: e-Government Sri Lankan Perspective**

This tutorial focuses on ICT for development, e-Government Applications, Planning, Policy and Technological issues of e-Government systems, current Sri Lankan initiatives in e-Government.

**Resource persons:** An expert team from ICTA, University of Moratuwa and University of Colombo School of Computing

**Target Audience:** Government agents and academics

**Date and Time :** 31<sup>st</sup> Friday October 2008, 9 am. to 5 pm.

---

**WS9: Software Development for Embedded Systems**

Embedded systems span all aspects of modern life in Consumer Electronics, household appliances, Telecommunications, Computing, Transportation, Medical equipment and the list keep expanding. In this tutorial the team from Motorola's Research and development centre in Sri Lanka will share their years of experience in Software development for Embedded Systems. Tutorial will include real programming demo of a simple microcontroller and a complex mobile computer to demonstrate how easy to program these in modern days with the advancement of modern programming tools.

**Resource persons:** Mr. Ruwan Jayanetti, Mr. Sadeepa Sepala, Mr. Dilshan Perera, Motorola Technologies Lanka (Pvt) Ltd.,

**Target Audience:** Anyone who has a desire to learn what Embedded Systems are

**Date and Time:** 31<sup>st</sup> Friday October 2008, 9 am. to 12.30 pm.

---