SETT01

2nd International Workshop on Software Engineering Tools & Techniques
Le Meridien, Pune, 4–6 January 2001

Recent years have seen an increasing interest in tool-based software engineering employing sophisticated techniques. SETT provides a forum for the Indian software industry to bring together the latest technologies in these areas. SETT '99 was the first SETT workshop and it attracted a wide participation from industry and academia. There is a great deal of interest and need for tools and technology in the area of software testing. Therefore, SETT '01 will focus on tools, technology and advances in the area of software testing.

Programme

4 Jan 2001

0930–1000 : **Opening**

1000–1130 : **Invited talk 1**

Current trends in White-box Testing and Statistical Testing
Prof Phyllis Frankl, Polytechnic University

1130–1145 : **Coffee break**

1145–1315 : **Invited talk 1 (contd.)**

1315–1400 : **Lunch**

1400 -1530: **Invited talk 2**

Testing and Debugging of Web Based Applications
Dr Sriram Sankar, Metamata Inc

1530–1545 : **Coffee break**

1545–1715 : **Invited talk 2 (contd.)**

5 Jan 2001

0900–1030 : **Invited talk 3**

Testing Object-Oriented Software and the different problem of testing GUIs
Prof Lee White, Case Western Reserve University

1030–1045 : **Coffee break**

1045–1215 : **Invited talk 3 (contd.)**

1215–1315 : **Lunch**

1315–1415 : **Industry talk 1**

Testing complex client-server applications–a case study
Atul Marathe, Persistent Systems Pvt Ltd

1415–1515 : **Industry talk 2**

Software testing and QA practices
Digambar Patil, Parametric Technology R&D (India) Ltd

1515–1530 : **Coffee break**

1530–1630 : **Industry talk 3**

Best practices unique to Veritas Software India Ltd
Ratnamala Dam Manna, Veritas Software India Ltd

1930 : **Conference dinner**

6 Jan 2001

0900–1030 : **Invited talk 4**

Experiences in using testing tools and technology in real-life applications
Dr Alexander Petrenko, Russian Academy of Sciences

1030–1045 : **Coffee break**

1045–1215 : **Invited talk 4 (contd.)**

1215–1300 : **Lunch**

1300–1400 : **Industry talk 4**

Technique to automatically test a single class
Ashok Sreenivas, Tata Research Design and Development Centre

1400–1530 : **Panel Discussion**

1530 : **Coffee break**

Panel Discussion Topic

Testing: The rainbow between your program and the pot of gold

Is testing an activity of arriving at a compromise between user expectations, which are often idealistic, and real-life development constraints? Is it a process of finding a middle-ground so that the user expectations are met "reasonably" and the pot of gold is yours? Are there ways and means of reducing the rainbow size?

Panelists

1. Swarup Kumar Mohalik, *Sasken*
2. Gopal Rajan, *Rational*
3. Abhay Saxena, *Parametric Technology R&D (India) Ltd*
4. Dr P S Thiagarajan, *Chennai Mathematical Institute*

Registration fees

	Up to **8 Dec 2000**	After **8 Dec 2000**
Industry	Rs. 5000	Rs 6000
Govt/Academia	Rs 3000	Rs 4000
Students	Rs 1500	Rs 2000

Contact

P. Udaykumar ⟨sett@pune.tcs.co.in⟩
Tata Research Development and Design Centre
54 B Hadapsar Industrial Estate
Pune 411 013, India
Phone: +91–20–6871058
Fax: +91–20–6870921

Organiser

- Tata Research Development and Design Centre

Partners

- Parametric Technology R&D (India) Ltd.
- Rational