



Hotel Sadanand Regency

Srv. No.9/2, Mahalunge, and Opp.Balewadi sports Complex

Mahalunged, Pune- 411 045

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Bio-sketch:

Ajit C. Tamhane

Ajit Tamhane is Senior Associate Dean for Graduate Studies and Planning at McCormick School of Engineering and Professor of Industrial Engineering & Management Sciences (IEMS) with a courtesy appointment in Statistics. He was chair of IEMS from 2001 to 2008. Professor Tamhane’s research interests are in the areas of multiple testing problems in clinical trials and design of experiments. He has published about 100 papers in top refereed journals in these and other areas. He is the author of three books: *Multiple Comparison Procedures* with Yosef Hochberg (Wiley, 1987), *Statistics and Data Analysis* with Dorothy Dunlop (Prentice Hall, 2000) and *Statistical Analysis of Designed Experiments* (Wiley, 2009). He has edited two volumes of collected papers: *Design of Experiments: Ranking and Selection* with Thomas Santner (Marcel-Dekker, 1984) and *Multiple Testing Problems in Pharmaceutical Statistics* with Alex Dmitrienko and Frank Bretz (Taylor & Francis, 2009). He is an elected fellow of the American Statistical Association, the Institute of Mathematical Statistics and the American Association for Advancement of Science.



Workshop Agenda & Course content	
9:00 am	Breakfast
10:00 am – 1:00 pm	<p><u>Part I: Multiple Test Procedures (MTPs)</u></p> <ul style="list-style-type: none"> ❖ Introduction: Sources of Multiplicity, Multiple Hypotheses, Error Rates (FWER, FDR) ❖ Basic Methods for Constructing MTPs (Union-Intersection Method, Intersection-Union Method, Closure Method, Partition Method) ❖ Common p-Value Based MTPs: Bonferroni, Simes, Holm, Hommel, Hochberg ❖ p-Value Based MTPs for Ordered Hypotheses: Fixed Sequence, Fallback ❖ Examples
1:00 pm – 2:00 pm	Lunch
2:00 pm – 5:00 pm	<p><u>Part II: Gatekeeping Procedures</u></p> <ul style="list-style-type: none"> ❖ Introduction: Why Gatekeeping? ❖ Types of Gatekeeping: Serial, Parallel, Tree, General Logical Restrictions ❖ Serial Gatekeeping Procedures ❖ Parallel Gatekeeping Procedures: Closure Procedure, Stepwise Procedure ❖ Tree Gatekeeping Procedures ❖ Mixture Gatekeeping Procedures ❖ Examples

Fees:

Category	Annual Membership Fee	Workshop Fee	Total
New/Renewing Members	INR 750/-	INR 1250/-	INR 2000/-
Existing IASCT/ISCR Members	-	INR 1250	INR 1250/-
Non-members	-	INR 1500/-	INR 1500/-

Participation in the event requires pre-registration. Registration fees include course notes, lunch and tea. Your registration and payment must reach us latest by **04-Jan-2013**.

Hurry up!! Limited seats available

Registration:

All payments are to be made by drawing a cheque or a DD in favor of “Indian Association for Statistics in Clinical Trials” along with filled conference registration form (on page 3) and sent to:

Dr. Jayanthi Gupta at the following mailing address

A1601 Safal Twins

Sion-Trombay Road, Deonar

Mumbai 400088

Email: jayantigupta@live.com

Or

You can deposit the amount to IASCT Bank account and send details of your transaction (either screen shot or scan copy of the bank receipt) along with filled conference registration form by email to Jayanti Gupta

IASCT Bank A/c information:

Name of the Bank: HDFC Bank Ltd.,

A/C Name: Indian Association for Statistics in Clinical Trials

Branch: K H Road, Bangalore-560027

A/c Number: 12062020005242

You may contact Jagannath P S at Jagannatha.P.S@gsk.com or 9886050820 for any queries regarding the workshop.

Conference Registration Form

1. Number of Participants:

2. Participants Information:

Organization Name	Name	Email	Contact No.

3. For each participant, indicate the following:

- a) Current Member of IASCT/ISCR: Yes / No
- b) Wish to become IASCT Member: Yes / No / Not Applicable

4. Payment Details:

Bank Name	Cheque/DD/Bank Number	Transaction	Date	Membership fee	Workshop fee