

Recent Seminars:

Recent Seminars in Department of Mathematics & Statistics, IIT Kanpur

1st February, 2011
05:00 PM
Departmental Conference Room

Lecture on Optimization
by
Prof Didier Aussel
The University of Perpignan Via Domitia

28th December, 2010
04:00 PM
Departmental Conference Room

Bivariate semiparametric Bayesian approach for finding minimum effective dose and maximum safe dose
by
Dr. Satrajit Roychoudhury
Novartis, New York

9th November, 2010
04:00 PM
Departmental Conference Room

Linearization of QAP and QTSP: Characterizations and Efficient Algorithm
by
Prof. Santosh N. Kabadi
University of New Brunswick, Canada

3rd November, 2010
04:00 PM
Departmental Conference Room

STABILITY OF BOUNDED LINEAR OPERATORS UNDER DUALITY AND BANACH SPACE GEOMETRY
by
Professor M. A. Sofi
University of Kashmir, Srinager

28th October, 2010
04:00 PM
Departmental Conference Room

Completely Hyperexpansive Operators
by
Vinayak Sholapurkar
S. P. College, Pune

21th October, 2010
04:00 PM
Departmental Conference Room

Bioconvection and pattern formation in a suspension phototactic algae
by
Dr. S. Ghorai, IIT Kanpur
IIT Kanpur

30th September, 2010
04:00 PM
Departmental Conference Room

Gap Functions and Error Bounds for Variational Inequalities
by
Professor Joydeep Dutta
IIT Kanpur

20th September, 2010
End-point Estimation for Decreasing Densities:

04:00 PM Departmental Conference Room	Asymptotic Behavior of the Penalized Likelihood Ratio by Dr. Jayanta K. Pal Hewlett Packard, Bangalore
08th September, 2010 04:00 PM Departmental Conference Room	Approximation theoretic properties of continuous mapping of a topological space into a finite dimensional real normed linear space by Dr. Aldric L Brown University College London
07th September, 2010 04:00 PM Departmental Conference Room	The origin, development and present state of the theory of set-valued metric projections in spaces of continuous functions by Dr. Aldric L Brown University College London
06th September, 2010 04:00 PM Departmental Conference Room	Some results associated with irreducibility and Galois groups of polynomials with integer coefficients by Pradipto Banerjee University of Southern California
25th August, 2010 04:00 PM Departmental Conference Room	Multigrid one-shot - an Algorithm for efficient transition from simulation to optimization by Subhendu Bikash Hazra Technical University of Darmstadt, Germany
11th March, 2010 11:00 AM Departmental Conference Room	Inhomogeneous Flow in Geophysical and Astronomical Fluids by Professoer Sudip Sen Lancaster University
11th March, 2010 03:00 PM Departmental Conference Room	Key Distribution in Large-Scale Distributed Wireless Sensor Networks using Disjoint Key Pools Approach by Dr. Ashok Kr. Das IIT Bhubaneswar
11th March, 2010 04:00 PM Departmental Conference Room	Pattern formation in diffusive predator prey systems and its mechanism by Dr. Nitu Kumari SSLNT Women's College, Vinoba Bhave University, Hazaribag

19th February, 2010 04:00 PM Departmental Conference Room	OUTER SEMI CONTINUITY OF POSITIVE HULL MAPPINGS WITH APPLICATION TO SEMI-INFINITE AND STOCHASTIC PROGRAMMING by Professor Din The Luc University of Avignon, France
18th February, 2010 04:00 PM Departmental Conference Room	Ball remotality in Banach spaces by Dr. Pradipta Bandyopadhyay Indian Statistical Institute, Kolkata
28th January, 2010 04:00 PM Departmental Conference Room	An extension of Support Vector Machine for manifold data: application to medical image analysis and some related high dimension low sample size asymptotic results by Dr. Suman Kr. Sen Navartis, USA
5th January, 2010 04:00 PM Departmental Conference Room	Functional Data Analysis for Volatility by Dr. Rituparna Sen Department of Statistics University of California at Davis
8th January, 2010 04:00 PM Departmental Conference Room	Equivariant Infinite Loop Spaces by Dr. Rekha Santhanam John Hopkins University
15th December, 2009 Departmental Conference Room	Exponential Inequality and Bahadur Representations for the Dr. Satyaki Mazumder Department of Mathematical Sciences UTD
8th December, 2009 04:00 PM Departmental Conference Room	On irreducible p, q-representations of the Lie algebra $gl(2)$ by Dr. Sarasvati Yadav National Institute of Technology, Kurukshetra
30th November, 2009 04:00 PM Departmental Conference Room	Shape of a drum, a constructive approach by Dr. P. N. Shaivakumar, University of Manitoba, Winnipeg, Canada
23rd November, 2009	Maximal density of M-sets and the lonely runner conjecture

10:30 AM Departmental Conference Room	by Dr. Ram Krishna Pandey Saint-Etienne
25th August, 2009 04:00 PM	Irreducibility of generalized Schur Polynomials Dr. Shanta Laishram University of Waterloo, Canada
24th August, 2009 04:00 PM Departmental Conference Room	On certain quotient Hilbert modules of the canonical Hilbert module by Dr. Jaydeb Sarkar Texas A& M University
6th August, 2009 04:00 PM Departmental Conference Room	On Phase Type Life Distributions by Prof. M. Manoharan University of Calicut
5th August, 2009 04:00 PM Departmental Conference Room	Queueing Models:Identifiability and Characterization by Prof. M. Manoharan University of Calicut
9th April, 2009, 04:00 PM Departmental Conference Room	Assumptions using several kinds of cone subdifferentials by Prof. Phan Quoc Khanh International University of Hochiminh City
8th April, 2009, 04:00 PM Departmental Conference Room	Spiders as biological controllers in the Agroecosystem by Dr.Samrat Chatterjee Universita di Torino, Italy
25th-26th March 2009, 04:00 PM Departmental Conference Room	Best Uniform Approximation by Finite Dimensional Spaces of Continuous Functions, from 1853 to 2009 by Prof. Aldric L. Brown, University College London
26th February 2009, 12:00 Noon Departmental Conference Room	Three lectures on semi-direct product in groups & its applications by Prof. Manish Thakur Indian Statistical Institute, Delhi
25th February 2009, 04:00 PM Departmental Conference Room * Skype Video Conferencing	An interfacial hydrodynamic instability between miscible fluids in a porous media by Dr. Manoranjan Mishra Universite Libre de Bruxelles

23rd, 24th February 2009, 05:10 PM Departmental Conference Room	Three lectures on semi-direct product in groups & its applications by Prof. Manish Thakur Indian Statistical Institute, Delhi
03:00 PM Departmental Conference Room	Cryptanalysis on Symmetric Cipher - Generic Approach by Dr. Deepayan Sarkar Fred Hutchinson Cancer Research Center, WA, USA
20th Feb '09, 04:00 PM Departmental Conference Room * Skype Video Conferencing	Cryptanalysis on Symmetric Cipher - Generic Approach by Dr. Sourav Mukhopadhyay Dublin City University
17th Feb '09, 03:00 PM Departmental Conference Room	Representations of real and p-adic groups: a survey by Prof. Dipendra Prasad School of Mathematics, TIFR, Mumbai
17th Feb '09, 04:00 PM Departmental Conference Room	Some Thoughts on Efficient and Secure Implementation of Elliptic Curve Cryptography by Dr. Pradeep Kumar Mishra CISaC, University of Calgary, Canada
7th Jan '09, 04:00 PM Departmental Conference Room	Some parallel iterative solvers for parabolic equations by Dr. Tarek Mathew
6th Jan '09, 04:00 PM Departmental Conference Room	Applications of the maximum principle in domain decomposition by Dr. Tarek Mathew
5th Jan '09, 3:00 PM Departmental Conference Room	On Best Proximity Pair Theorems by Prof. P. Veeramani IIT Madras
22th December '08, 04:00 PM Departmental Conference Room	New phases in Biaxial Liquid Crystal Polymers by Mr. Sarthok Sarkar Univ. of Florida
15th Dec '08, 03:45 PM Departmental Conference Room	Immunities of Two Important Cryptographic Primitives Against Two Important Attacks. by Dr. Deepak Kumar Dalai

NISER, Bhubaneswar

**5th Dec '08,
4:00 PM
Departmental Conference Room**

**The Embedded Contact Homology of Circle Bundles
Over Riemann Surfaces
by
David Farris
University of California, Berkeley**

**1st Dec '08,
4:00 PM
Departmental Conference Room**

**Some Thoughts on Efficient and Secure
Implementation of Elliptic Curve Cryptography
by
Dr. Pradeep Mishra
University of Calgary, Canada**

**24th Nov '08,
4:00
Departmental Conference Room**

**by
Dr. Samit Bhattacharyya
Centre for Cellular and Molecular Biology (CSIR)**

**5th Nov '08,
4:00 PM
Departmental Conference Room**

**Logics for games
by
Dr. S. Ghosh**

**17th October '08,
4:00 PM
Departmental Conference Room**

**A Class of Compact Schemes For Incompressibleviscous
Flows on Geometries Beyond Rectangular
by
Dr. Swapan Pandit
Indian Statistical Institute, Kolkata**

**4:00 PM
Departmental Conference Room**

**Base Station Placement Problems
by
Dr. Gautam Das
Indian Statistical Institute, Kolkata**

**10th October '08,
4:00 PM
Departmental Conference Room**

**Derivation of 'Generalised' Darcy-law via Homogenization
by
Dr. T. Muthukumar**

**29th September '08,
4:00 PM
Departmental Conference Room**

**try of Orbifolds
by
Prof. Mainak Poddar**

**25th September '08,
Departmental Conference Room**

**Felix Hausdorff and the Early Development of
Descriptive Set Theory
Prof. Peter Koepke
University of Bonn**

24th September '08,

A Friedrichs extension related to unbounded subnormals

4:00 PM
Departmental Conference Room

8th August '08,
4:00 PM
Departmental Conference Room

Glimpses into the Langlands programme
by
Dr. Anantharam Raghuram
Oklahoma State University

7th August '08,
4:00 PM
Departmental Conference Room

From Calculus to Number theory
by
Oklahoma State University

10th July '08,
4:00 PM
Departmental Conference Room

On Identity and Indiscernibility
by
Prof. Mihir K. Chakraborty
University of Calcutta

14th February '08,
Networks
4:00 PM
Departmental Conference Room

Deterministic Secure Positioning in Wireless Sensor
by
Dr. Partha Sarathi Mandal

7th February '08,
approach
4:00 PM
Departmental Conference Room

Two Problems in Convex Polytopes - A solution
by
Prof. K.G.Murthy
University of Michigan, (USA)

4th February '08,
neuroscience
4:00 PM
Departmental Conference Room

Some descriptive methods in bio-informatics and
by
Prof. Dr. James Glazebrook
Eastern Illinois University (USA)

23rd January '08,
Product
4:00 PM
Departmental Conference Room

Minimal Convex Function Bounded Below by the Duality
by
Prof. Juan Enrique Martinez-Legaz, Univ.
Autonoma de Barcelona

17th January '08,
4:00 PM
Departmental Conference Room

On the Monotonicity of the Demand Function
by
Prof. Juan Enrique Martinez-Legaz,
Univ. Autonoma de Barcelona

11th January '08,
4:00 PM
Departmental Conference Room

Equilibrium Problems under Uncertainty
by
Professor Masao Fukushima, Kyoto University

7th January '08,

Inferential Procedures based on the Generalized Variable

Departmental Conference Room	Approach with Applications by Professor K. Krishnamoorthy, Univ. of Louisiana
3rd January '08, Departmental Conference Room	Discrete-time Robust H^∞ control of a class of Nonlinear Uncertain Systems by Dr. Shaiju Ainikkal, Univ. of New South Wales
8th November '07, 3 p.m. Departmental Conference Room	Fast High Order Methods for Wave Scattering Computations by Dr. Gautam Kumar Das, ISI Kolkata
1st November '07, 3 p.m. Departmental Conference Room	Homogeneous 2-hop broadcast in 2D by Dr. Gautam Kumar Das, ISI Kolkata
Analysis Seminar 12th September '07, 05:15PM Departmental Conference Room	Revisiting Invariant subspace problems on projective special linear group. by Dr. Rudra P. Sarkar, ISI Kolkata
11th September '07, Tuesday 04:00PM Departmental Conference Room	Numerical Treatment for Singular Boundary Value Problems by Dr. Manoj Kumar, MNNIT, Allahabad
7th September '07, Friday 04:00PM Departmental Conference Room	Stable/Unstable Stratification in Thermosolutal Convection in a Lid-driven Square Cavity by DR. D.K. Maiti, BITS, Pilani
3rd September '07, Monday 04:00PM Departmental Conference Room	Dynamical Analysis of some Nonlinear Ecological Systems by Dr. Malay Banerjee, Calcutta University
3rd September '07, Monday 10:00AM	A distribution free goodness of fit test for stochastically ordered alternative by Dr. Shuvadeep Banerjee Defence Institute of Advanced Technology, Pune
29th August '07, Wednesday 04:00PM Departmental Conference Room	Control of malignant tumor growth - a study based on time delay model by Dr. Sandip Banerjee, BITS, PILANI
24th August '07, Friday Penalization	Augmented Lagrangian Approach to Duality and Exact

04:00PM

Dr. C. S. Lalitha, University of Delhi

Analysis Seminar

17th August '07, Thursday

05:15PM

Lipschitz Isomorphism of Banach Spaces

28th February '07, Wednesday
the

03:00PM

Departmental Conference Room

Chennai.

Badly Approximable Numbers, Bounded Geodesics and

Schmidt Game

by

Dr. C. S. Aravinda, Chennai Mathematical Institute,

22th February '07, Thursday

CFD Study in Boundary Layer Flow, Benchmark Problems

by

Prof. H.P. Rani, Kyung Hee University, The Republic of Korea

19th February '07, Monday

03:00PM

Minimal Triangulation of Non-Simply Connected Manifolds

011:00AM

Departmental Conference Room

Limit Laws For k-Coverage of Areas & Paths By
A Markov-Boolean.

by

Prof. Srikanth Iyer

7th February '07, Wednesday

03:00PM

Departmental Conference Room

Elliptic Curve Public Key Cryptosystems and Pairings

by

2nd February '07, Friday

03:00PM

Departmental Conference Room
Africa.

Exponential Maps

by

Kailash. C. Patidar, University of Western Cape, South

27nd December '06, Wednesday

03:00PM

Departmental Conference Room

Exponential Maps

by

Prof. V. Muruganandam, Pondicherry University

21nd December '06, Thursday

03:00PM

Departmental Conference Room

Localised defects in a periodic network: An asymptotic
by

Dr. S. Sivaji Ganesh

22nd November '06, Wednesday

11:00AM

Adventures in First Year Mathematics Teaching
Professor S. C. Dutta Roy, IIT Delhi

1st November '06, Wednesday 04:00PM Departmental Conference Room	Quantum Stochastic calculus and dilation of strongly continuous completely positive (CP) semigroup on Uniformly Hyperfinite C^*-algebras. by Dr. Lingaraj Sahu,
26th October '06, Thursday 05:00PM Departmental Conference Room	Finite Fields And Its Applications by Prof. M.C. Bhandari,
26th October '06, Thursday 11:00AM	Graph Labelings : Covering Problems on Trees.
19th October '06, Thursday 04:00PM Departmental Conference Room	Moments of Order Statistics from Cauchy Distribution by
12th October '06, Thursday 11:00AM Departmental Conference Room	Trees in Banach Spaces by Dr. Sudipta Dutta, Indian Statistical Institute, Culcutta
11th October '06, Wednesday 03:00PM Departmental Conference Room	KRONECKER'S OPERATIONS AND APPLICATIONS by Professor S. G. Deo, University of Goa
11th October '06, Wednesday 04:00PM Departmental Conference Room	Mathematical models for microbial populations by Professor Ajit Chaturvedi, Dept. of Statistics, Delhi University
17th May '06, Wednesday 11:00AM	How to Compute a Fair Price for an Option Derivative by Professor A. K. Pani, IIT Mumbai.
20th April '06, Thursday 04:00PM Departmental Seminar Room	Distinct tour values for the traveling salesman problem by Professor A. Punnen, Simon Fraser Univ., Canada
17th April '06, Monday Departmental Seminar Room	On Geometry by Professor K.B. Sinha, Distinguished Scientist ISI Delhi, Ex-Director of ISI.

17th April '06, Monday 11:00AM ; Departmental Seminar Room	On trees with reciprocal eigenvalue property by Prof. Sukanta Pati, IIT Guwahati
13rd April '06, Thursday 04:00PM Departmental Seminar Room	Rank and generalized inverses of integral matrices by Prof. R. B. Bapat, ISI New Delhi
22nd March '06, Tuesday 03:00PM Departmental Seminar Room 11:00AM Departmental Seminar Room	Isoperimetric Inequalities by & with Applications to Optimization by Prof. A. Mehra, IIT Delhi
22nd Feb '06, Wednesday 03:00PM	Poisson Summation and Uncertainty by Professor Shobha Madan
6th October 2005, Thursday 04:00PM to 05:00 PM Departmental Seminar Room	Convolution Transform for Boehmians by Dr. N.V. Kalpakam, IIT Guwahati
6th October 2005, Thursday 11:00AM to 12:00 Noon Departmental Seminar Room	Nonlinear Modeling and Analysis of Epidemiological and Environmental Systems by Dr. Ram Naresh, H. B. Technological Institute Kanpur
4th October 2005, Tuesday 3:00pm to 4:00pm Departmental Seminar Room	Balancing and Cobalancing Numbers by Dr. G.K. Panda, NIT, Rourkela
30th September 2005, Friday 03:00PM to 04:00PM Departmental Seminar Room	Best proximity pairs and their applications by Dr. P.S. Srinivasan, University of Hyderabad
30th September 2005, Friday 11:00 to 12:00 Departmental Seminar Room	Verifications Using decision Procedures and KAT by Dr. Manoj Kumar Raut, TIFR,

29th September 2005, Thursday
approximates.

3:00 to 4:00 pm

Departmental Seminar Room

Polynomial approximation of outer functions and zeros of the

by

Dr A. Swaminathan, Anna University

26th September 2005, Monday

3:00pm to 4:00pm

Departmental Seminar Room

Discriminant analysis using measures of data depth

by

Dr. Anil Kumar Ghosh, ISI Kolkata

7th September Wednesday, 2005

4:00PM to 5:00PM

Departmental Seminar Room

An analysis of linear complementarity problem

over the cone of PSD matrices

by

Dr. R. Balaji, Indian Statistical Institute, New Delhi