

Subject Board for Physics

Tata Institute of Fundamental Research
Homi Bhabha Road, Mumbai 400 005, INDIA

(In all e-mail addresses add @tifr.res.in unless otherwise mentioned)

To access any course material posted by the instructor please click on the link

Courses in (2007-2008)

Autumn 2007

Core Courses

Courses	Instructor(s)	e-mail
Quantum Mechanics I @	Sandip Trivedi	sandip
Mathematical Methods @\$*	Ashok Raina	raina
Electrodynamics II \$\$&*	Shankar Ghosh	sghosh
Exp. Physics+Lab @\$	S S Prabhu	prabhu
Classical Mechanics @	Spenta R. Wadia	wadia@theory.tifr.res.in
Electronics @	Achanta Venugopal	achanta
Atomic and Molecular Physics &	M Krishnamurthy	mk

Astronomy and Astrophysics &	Devendra Ojha/D. Narasimha	ojha/dna
Nuclear Physics &	Indranil Mazumdar	indra
Particle Physics &	Sunil Mukhi	mukhi

Topical Courses

Courses	Instructor(s)	e-mail
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Reading Courses

Courses	Instructor(s)	e-mail
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Spring 2008

[\(Timetable\)](#)

Core Courses

Courses	Instructor(s)	e-mail
Quantum Mechanics II @\$*	R.S. Bhalerao	bhalerao@theory.tifr.res.n
Statistical Mechanics @	D. Dhar	ddhar
Electrodynamics I @	G. Ravindrakumar/R. Palit	grk , palit

Numerical Methods and Computing[@]	Saumen Datta	saumen@theory.tifr.res.in
Solid State Physics[@]	P. Raychaudhri	pratap

Topical Courses

Courses	Instructor(s)	e-mail
<u>Modern Renormalization & Collider Physics</u>	S. Gupta	sgupta
QFT 1	Gautam Mandal	Mandal
<u>Physics of Semiconductors</u>	K.L. Narasimhan	Kln
String Theory	S. Minwalla	shiraz.minwalla@gmail.com

Reading Courses

Courses	Instructor(s)	e-mail
<u>Quantum Optics and Atom-Light interactions I</u>	C.S. Unnikrishnan	unni
Detectors and associated modern electronics for accelerator based experiments	R. Palit	palit

[@] Mandatory for 1st year students with B.Sc degree.

§ Mandatory for 1st year students joining with M.Sc degree.

& Mandatory for 2nd year students with B.Sc degree.

* Students joining with M.Sc. degree are encouraged to take [drop tests](#) for these courses. The drop test is held at the beginning of the semester. If you are interested in taking a drop test for any course kindly contact the Graduate Course Coordinator or send a mail to sbp@theory.tifr.res.in

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