

# Abdus Salam School of Mathematical Sciences

## ASSMS INTENSIVE COURSE

ON

### Advanced General Topology

October 31 - November 25, 2016

#### Resource Person:

**Prof. Barbu Berceanu**

#### Contents of the Course:

Topological spaces, Induced topologies, Coinduced topologies, Continuous mappings, homeomorphisms, Separation axioms, Tietze-Uryson theorem, Connected spaces, Compact spaces,  $\sigma$  – compact and paracompact spaces, Covering and fibrations, Simplicial complexes, Surfaces and manifolds.

#### Schedule:

The course will comprise on 12 lectures (each of 2 hours duration). There will be three lectures per week on Monday, Wednesday and Thursday from 11:00-13:00. The course is scheduled during October 31 - November 25, 2016.

#### Organizers:

Dr. Imran Anwar, Dr. Abdul Rauf Nizami, Yameen Khan

#### Registration:

**There is no registration fee for this course but we are restricted to limited number of participants.** Undergraduate students and graduate students can apply to participate in this school by sending this application form ([.doc](#) or [.pdf](#)) before **October 25, 2016** via email to: [asif.sohail@sms.edu.pk](mailto:asif.sohail@sms.edu.pk)

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#### **VENUE:**

**ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES**

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