

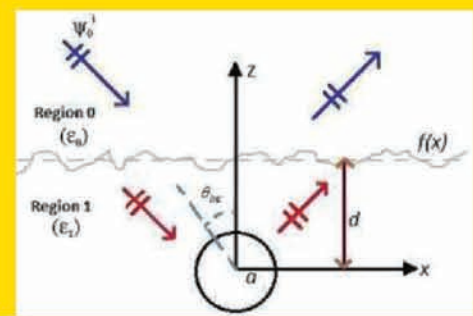
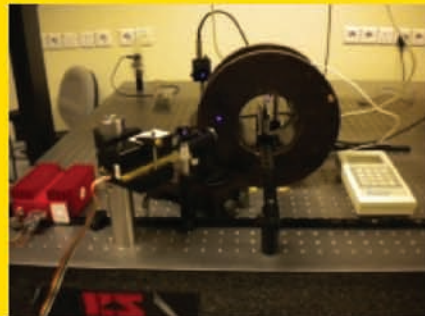
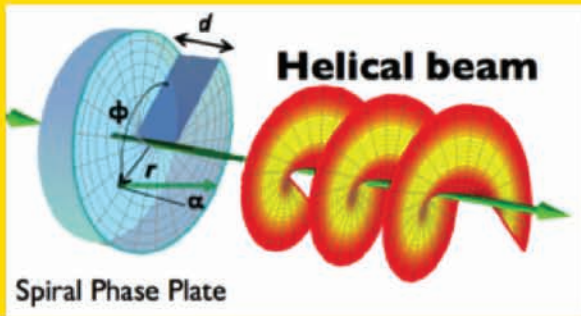


### Spring School on Optics

The school on optics aims to train graduate students and early career professionals in contemporary research areas in optics being practiced in Pakistan. The hope is to contribute to local efforts on enhancing research collaboration and student education in the area of optical sciences. This school will also serve as a test run for future expanded schools for thematic and more focused research training. This will also provide a networking opportunities for local scientists working in optics and related areas that can catalyze collaborative work to boost research in optical sciences.

**Date: April 30-May 01, 2016**

**Organizer: Department of Physics at the Syed Babar Ali School of Science and Engineering**



**Special talk**  
**History of optics in Pakistan**  
**Dr. Shaukat Hameed Khan**  
 Coordinator General, COMSTECH  
 April 30, 2016  
 06:00 p.m.

### Speakers

- Qasim Mehmood (ITU)
- Mumtaz Sheikh (LUMS)
- Sabieh Anwar (LUMS)
- Imran Cheema (LUMS)
- Azer Reza (LUMS)
- Arshad Fiaz (QAU)
- Muhammad Faryad (LUMS)
- Jehan Akbar (Hazara)
- Shazia Bashir (GCU)

- Generation of orbital angular momentum
- Detection of orbital angular momentum
- Magnetism and light
- Optical design
- Sensing and measurements using tunable photonics
- Scattering from buried cylinders
- Surface plasmonics with photonic crystals
- Mode locked lasers
- Applications of pulsed lasers

**Last date for registration: April 22**

**Register at: <http://tinyurl.com/gmsabmx>**

**Registration fee: Rs. 500 for students, and Rs. 1500 for faculty members and professionals**

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