

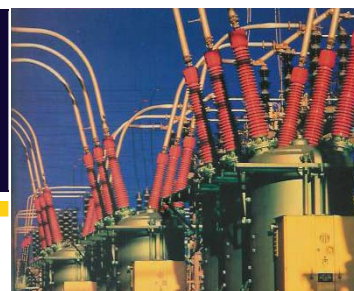


الجمعية القطرية للفيزياء
Qatar Physics Society

NEW FRONTIERS IN LEARNING & TEACHING WORKSHOPS FOR PHYSICS TEACHERS

November 25 & 29, 2007

Workshop (4)



INVITATION

You are cordially invited to attend the fourth physics teachers workshop. Please register by sending your name and contact information by email or fax.

PROSPECTUS

Topic:	Alternating Current
Place:	Weill Cornell Medical College - Qatar
Dates:	Sunday, November 25, 2007, 15:30 – 18:30 Thursday, November 29, 2007, 13:00 – 16:00 (Women)
Organizers:	Qatar Physics Society, in collaboration with Weill Cornell Medical College and Qatar University.
Language:	The language of instruction will be English.
Background:	A basic part of learning comes from allowing students to learn by observation. Studies show they learn best when they can go from the concrete to the abstract. Active learning involves having students spend class time actively engaged in doing/thinking/talking physics. Inquiry based teaching has students start with their own observations, develop basic concepts, construct models, and make predictions.
Participation:	Participation is open to all physics teachers/supervisors in secondary level government or independent schools.
Objective:	Teachers will explore the topic of Alternating Current through a short lecture and hands-on lab based around active learning approaches. We will examine resonance circuits, transformers, generators, and rectifiers. A speaker from the energy industry will be talking about the applications of physics in their field and jobs for scientists.

Programme:	November 25	November 29	Registration Opening session: Energy Industry Speaker Discussion of future goals for Workshops Coffee Break Lab: Alternating Current: Fundamentals and applications
	15:30 – 15:45 15:45 – 16:45 16:45 – 17:00 17:00 – 18:30	13:00 – 13:15 13:15 – 14:15 14:15 – 14:30 14:30 – 16:00	

For more information

Qatar Physics Society
C/O Dr. Ilham Y. Al-Qaradawi
P.O.Box 2713, Doha, Qatar
Tel +974 4852126
Fax +974 4852221
Email ilham@qu.edu.qa
Site <http://www.qu.edu.qa/home/WYP2005/QPS.htm>



WEILL CORNELL
MEDICAL COLLEGE IN QATAR