



## INVITATION

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

P R O S P E C T U S	
<b>Topic:</b>	Magnetism and Mechanics
<b>Place:</b>	Omar Bin Al Khattab Secondary School Physics Lab
<b>Dates:</b>	Thursday, March 22, 2007, 4:00 – 7:00 PM (Ladies only) Sunday, March 25, 2007, 11:00 – 14:00
<b>Organizers:</b>	Qatar Physics Society, in collaboration with Weill Cornell Medical College, Qatar University and hosted by Omar Bin Al Khattab Educational Complex.
<b>Language:</b>	The language of instruction will be English.
<b>Background:</b>	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.
<b>Participation:</b>	Participation is open to all physics teachers/supervisors in secondary level government or independent schools.
<b>Objective:</b>	Teachers will explore the topic of Magnetism through a short lecture and hands on lab based around active learning approaches. There will also be hands on experience with air tracks to perform some mechanics experiments (as suggested by participants at the previous workshops last fall). A speaker from the energy industry will be talking about the applications of physics in their field and jobs for scientists.

Programme:	March 22	March 25	Registration <b>Opening session:</b> Energy Industry Speaker Electromagnetism demonstrations (RH)  Coffee Break <b>Lab:</b> Magnetism and Mechanics Fundamentals and applications
	16:00 – 16:15 16:15 – 17:15	11:00 – 11:15 11:15 – 12:15	
17:15 – 17:30 17:30 – 19:00	12:15 – 12:30 12:30 – 14:00		

### For more information

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