



جامعة الملك فهد للبترول والمعادن  
King Fahd University of Petroleum & Minerals

## ELECTRICAL ENGINEERING DEPARTMENT

# Machine Drives Workshop

## Tuesday, March 13, 2012

<b>0745 - 0815</b>	<b>REGISTRATION &amp; REFRESHMENT</b>	<b>Bldg 20 - Room 103</b>
<b>0815 - 0830</b>	Opening Address: Machine Drives Workshop Dr. Ali Al-Shaikh, Electrical Engineering Department Chairman	<b>Bldg 20 - Room 103</b>
<b>0830 - 0920</b>	PRESENTATION I: Overview of Speed Sensorless Methods in Electric Motor Drives. Prof. Malik E. Elbuluk, University of Akron, Ohio USA	<b>Bldg 20 - Room 103</b>
<b>0920 - 1010</b>	PRESENTATION II: Advances on Energy Efficient IPM Motor Drives. Prof. Md Azizur Rahman, Memorial University of Newfoundland, Canada	<b>Bldg 20 - Room 103</b>
<b>1010 - 1030</b>	<b>Break: Refreshment</b>	
<b>1030 - 1110</b>	PRESENTATION III: Global trends in Energy efficiency and savings potential in motor driven applications. Jyrki Leino, ABB, Finland	<b>Bldg 20 - Room 103</b>
<b>1110 - 1130</b>	PRESENTATION IV: Low Voltage Network Quality Ahmed Al-Hussein, ABB Al-Khobar	<b>Bldg 20 - Room 103</b>
<b>1130 - 1200</b>	PRESENTATION V: ETAP Advanced Technology. Syed A. Raheem, Future Technology, Saudi Arabia	<b>Bldg 20 - Room 103</b>
<b>1200 - 1315</b>	<b>Duhr Prayer and Lunch</b>	<b>Recreation Center</b>
<b>1315 - 1400</b>	PRESENTATION VI: Power Quality Enhancements using Wavelet Modulated Inverter System. Prof. Md Azizur Rahman, Memorial University of Newfoundland, Canada	<b>Bldg 20 - Room 103</b>
<b>1400 - 1445</b>	PRESENTATION VII: Application of Intelligent Control Methods in Electric Motor Drives. Prof. Malik E. Elbuluk, University of Akron, Ohio USA	<b>Bldg 20 - Room 103</b>