



8th EDF - LMS Poitiers Workshop:

Dynamic Sealing in severe operating conditions



FUTUROSOCPE – October 5, 2009

	TECHNICAL PROGRAM
8h00	Registration
8h40	General introduction
9h00	Keynote session Chairman: H. Henry (EDF) Mr Robert K FLITNEY , CEng, MIMechE, Consultant and Editor 'Sealing Technology' <u>"Advances in our understanding of elastomer dynamic seals"</u>
10h00	Coffee break
10h30	Technical session 1 <u>"Static analysis of contact force of groove seals"</u> , M.CHIAD, A. FATU, M. HAJJAM, D. BONNEAU, University of Poitiers, France <u>"Mechanical face seals submitted to vibrations"</u> , D. FRIBOURG, A. AUDRAIN, L. COUGNON, CETIM, France. Chairman: H. Azibert (Chesterton) <u>"Hydrodynamic behavior of mechanical face seals with simple roughness patterns"</u> , A.P. NYEMECK, N. BRUNETIERE, B.TOURNERIE, C. MINET, University of Poitiers, France.
12h15	Lunch
14h00	Technical session 2 <u>"Rotordynamic analysis of textured annular seals with multiphase (bubbly) flow"</u> , M. ARGHIR, A. ZERARKA, G. PINEAU, University of Poitiers, France. <u>"Dynamic seal for aeronautic engine fuel pump"</u> , F. DELAMOUR ^a , G. BRAUN ^b , ^a SNECMA, France, ^b John Crane, France. <u>"Complete modeling of floating ring annular seals"</u> , M.H. NGUYEN, M. ARGHIR, University of Poitiers, France
15h30	Coffee break
16h15	Technical session 3 <u>"Split mechanical end face seal for large diameter shaft"</u> , H AZIBERT, Chesterton, USA. <u>"Influence of the design parameters on the response of a mechanical seal in two-phase operation"</u> , F. MIGOUT, N. BRUNETIERE, B. TOURNERIE, University of Poitiers, France. <u>"A pump seal selection guideline complementing API 682/ISO 21049"</u> , M. GOODRICH, Total, Harfleur, France.
18h00	Assessment - Discussion
18h15	Cocktail
	POSTER Session <u>"Development of an Experimental Device to Study Real Hydraulic Rod Seals During Fully Transient Operation"</u> , A.FATU ^a , M.HAJJAM ^a , P.DRUMEA ^b , C. CRISTESCU ^b , ^a University of Poitiers, France, ^b GHDHD Bucarest, Romania <u>"An experimental study on the temperature and the friction torque of rotary lip seal."</u> , A. MAOUI ^a , M. HAJJAM ^b , ^a CETIM, France, ^b University of Poitiers, France.