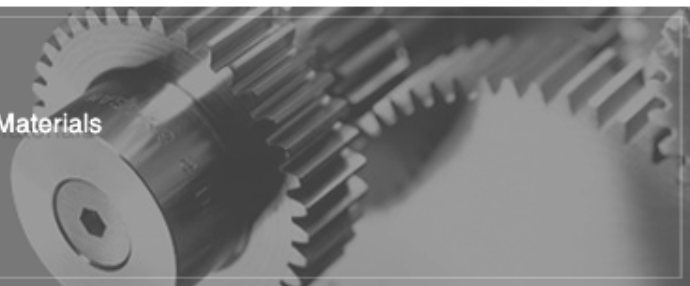


IRG-WOEM OECD

International Research Group on Wear of Engineering Materials



28th IRG-WOEM meeting Universidad Rey Juan Carlos, Móstoles, Madrid 2010, 8-9 April. Preliminary Programme

Thursday 8 April	
8h45 - 9h15	Registration
9h15 - 9h45	Welcome <i>Ian Hutchings, Jesús Rodríguez</i>
9h45 - 10h10	Plastic deformations and wear of real contact surfaces in high performance machines <i>Soren Andersson</i>
10h10 - 10h35	Characterization and Design of Laser Textured Surfaces <i>Jože Vižintin, Bojan Podgornik</i>
10h35 - 11h00	Wear and Friction of Steam Turbine Components at Elevated Temperatures in a Steam Environment <i>Mark Gee and LJ Brown</i>
11h00 - 11h25	Hardfacing of transport rollers in steel mill plants <i>Senad Dizdar</i>
11h25 - 11h50	Coffe break
11h50 - 12h15	A new methods for scuffing and pitting investigation of coated materials for heavy loaded, lubricated elements <i>R.Michalczewski, W.Piekoszewski, M.Szczerek, W.Tuszyński</i>
12h15 - 12h40	Device for testing of coatings under surface fatigue wear conditions <i>P. Kulu, R.Veinthal, M. Antonov, F. Sergejev</i>
12h40 - 13h05	Dry Sand Rubber Wheel Abrasion Testing <i>Kenneth Budinski</i>
13h05 - 13h30	Alternative eco-friendly lubes for clean two stroke engines <i>Amaya Igartua</i>
13h30 - 15h00	Lunch
15h00 - 15h25	Realtime Visualization of Wear Surfaces Using a Linescan Camera <i>Mark Gee</i>
15h25 - 15h50	An energetic approach to wear in alumina-titania coatings <i>A. Rico, M. A.Garrido, Jesús Rodríguez</i>
15h50 - 16h15	Energetic approach of friction and wear <i>A. Ramalho</i>
16h15 - 16h40	Coffe break
16h40 - 17h30	Open discussion and future directions for IRG-WOEM <i>Ian Hutchings</i>
17h30 - 18h30	Transfer to Toledo
18h30 - 20h30	Walking tour in Toledo
20h30 - 22h30	Dinner at Toledo Parador
22h30 - 23h30	Return to Madrid City Centre



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Friday 9 April

10h00 - 10h25	On the transition mild to severe wear in lubricated concentrated contacts, the IRG-OECD transition diagram <i>D.J. Schipper</i>
10h25 - 10h50	Recent results of the use of room-temperature ionic liquids in tribology <i>M^a Dolores Bermúdez</i>
10h50 - 11h15	A study of the effect of lubricant on the wear mechanisms of the ceramic composite BioloX® delta <i>Mark Rainforth</i>
11h15 - 11h40	Tribological characterization of carbon nanotubes containing silicon nitride <i>M. Belmonte et al.</i>
11h40 - 12h05	Coffe break
12h05 - 12h30	Tribology in the Eye <i>S.E. Franklin, J. Baranowska, W. Potze, K. Kwiatkowski, P. Kochmanski</i>
12h30 - 12h55	Friction and wear response of bacterial cellulose against articular cartilage in the presence of a simulated synovial fluid <i>J.R. Gomes, et al.</i>
12h55 - 13h20	Friction of textile-skin contacts <i>A. Ramalho et al.</i>
13h20 - 13:30	<i>Closing session</i>
13h30 - 15h30	Lunch