

CRFI 2014

CoRrosion Forum Israel

The Eleventh Bi-Annual Conference of the NACE Israel Corrosion Forum

Thursday, December 11, 2014 at Kfar Maccabiah, Ramat Gan, Israel



08:00-09:00	Gathering and registration, coffee and cake		
09:00-09:20	Introductory remarks and greeting (Rayman hall) Eng. Ishac Raz- Chairman of the Association of Engineers & Architects Dr. Alec Groysman- Chairman of the Society of Chemical Engineers & Chemists Eng. Shay Litani- Chairman of the Israel Corrosion Forum (NACE Israel)		
09:20-10:00	The Electrochemistry of Corrosion and Plating / Prof. Eliezer Giladi		
10:00-10:20	Coffee break- Exhibition		
	Failure Analysis Chairman: Dr. Alberto Kaufman	Industry Corrosion Chairman: Dr. Ehud Sutscover	Protective coatings Chairman: Eng. Noam Yehoud
10:20-10:50	The Effect of Artificial Corrosion Pits on High-Cycle Fatigue of 4340-type steel / Lital Ohana	Materials Selection for Pumps in Different Water Qualities / Eng .Gregory Neizvestny	Electrostatic powder coating / Mr.Ronen Alfasi
10:50-11:10	Failure Analysis – PVDF Pipe in Sulfuric Acid / Mr .Meir Weiss	Microbiological corrosion in radar systems due to contaminated coolants / Eng .Yosef Zaklas	Corrosion protection with multi-layer coatings / Mr.Itzhak Rosenthul
11:10-11:30	Failure analysis of power unit station drum steam / water level sensor / Mr .Eliezer Iskevitch	Flow Accelerated Corrosion: How does flow accelerate corrosion? / Dr .Daniel Zinemanas	Salt Spray Tests for Coatings / Mr .Ran Akiva
11:30-11:50	Failure analysis of Air-Gas heat exchanger / Mr .Gilad Kol	Internal corrosion management of process vessels / Mr. Colin Bateman	Evaluation Methods for Selecting Corrosion Resistant Elastomeric Lining Materials/ Mr. Tom Shewfelt
11:50-12:10	Hybrid Organic/Inorganic Corrosion Mitigation of Aluminum for Alkaline Batteries / Mr .Danny Gelman	Corrosion in systems for storage and transportation of petroleum products and biofuels / Dr Alec Groysman	Paint systems for the military industry – develops and standards / Mr .Arik Abdelas
12:10-12:30	Failure analysis of brass fittings failed by stress corrosion / Mr .Peter Geltser	Corrosion Protection in an Urban Settlement / Mr .Yuval Lior	Salt & chlorides in the industrial coating applications /Mr .Igal Strigonov
12:30-13:30	Lunch and Exhibition		
	Cathodic Protection Chairman: Eng. Gregory Neizvestny	Industry Corrosion Chairman: Mr .Moshe Graff	Protective coatings Chairman: Eng. Noam Yehoud
13:30-14:00	Cathodic Protection of Passive Metals / Dr .Joseph Riskin	Industrial WW treatment - processes optimization / Dr .Menashe Rajuan	Innovative anti corrosive coatings / Mr .Eitan Tzur
14:00-14:20	The new anticorrosion coating for buried pipelines - STOPAQ Seal For Life and External Coating Quality for new buried pipelines with Drainage Test / Mr .Aviv Kaminsky	Corrosion Management of Constructive Steel Elements / Eng .Haggai Shoshany	Preparation and characterization of self-assembled monolayers on titanium surface / Ms .Noah Metoki
14:20-14:40	Cathode Protection Rectifier for Corrosion protection / Mr .Leonardo Froymovich	Hydrogen effect on precipitation hardened stainless steel in different thermo-mechanical conditions / Sigalit.lfergane	Cathodic Protection in protective coatings systems / Dr .Michael Tabachnik
14:40-15:00	Pipe casings as an obstacle to cathodic protection systems / Mr .Assaf Bibi	A.C current that causes corrosion in the pipeline - Unknown enemy / Eng .Elie Elgressy	Viscous elastic coatings and their practical performance as a pipeline rehabilitation coating/ Mr. Leo van Beugen
15:00-15:20	Electrolysis for corrosion and scale prevention in pipes and tanks / Mr .Elgressy Gaby	Metal corrosion in storage / Mr .Moshe Graff	Zinc-Nickel Plating: The Greener Alternative for Cadmium Plating / Mr. Landau Asher
15.20-15:40	CIPS and DCVG surveys for buried pipelines / Mr .Igor Kantor	Microstructure and Composition of Pulse Plated Re-Ni Alloys on Copper Electrodes / Tzipora Nusbaum	Tube Sheet Cladding / Eng. Ori Or
15:40-16:00	Coatings of underground piping and cathodic protection / Dr .Ami Markfeld	Intercept Technology: Corrosion protection barriers for shipment and long term storage /Mr .Efi Huber	Ceramic Surface conversion for Light Alloys to ensure superior service in harsh environments /Dr. Inbar Dag
16:00-16:30	Conference Summary		

The program is subjected to change