

CRFI 2016

CoRrosion Forum Israel

The 12th Biannual Convention of the Israeli Corrosion Forum

Thursday, November 24, 2016, Kfar HaMaccabiah in Ramat Gan

08:00-08:45	Gathering, registration, coffee and cake		
08:45-09:00	<p>Greetings: Eng. Ehud Noff - Chairman of the Israeli Chamber of Engineers and Architects</p> <p>Dr. Alec Groysman - Chairman of the Association of Chemical Engineers and Chemists in the Chamber of Engineers and Architects</p> <p>Eng Shay Litani - Chairman of the Israeli Corrosion Forum at the Chamber of Engineers and Architects</p>		
	Opening Session - PLENARY		
09:00-09:30	<p>Preventing fuel leakage from underground tanks and pipelines in fuel stations</p> <p>Dr. Arye Pistiner, Charged with the prevention of water pollution from fuels, Ministry of the Environment</p>		
09:30-10:00	<p>Electrochemically Deposited Calcium Phosphate Coatings for Dental and Orthopedic Implants – From the Laboratory at Tel-Aviv University to the Clinics</p> <p>Prof. Noam Eliaz, Head of the Materials Science and Engineering Department, Tel Aviv University</p>		
10:00-10:30	Coffee break / Exhibition visit		
	<p>Research in Corrosion and Corrosion Failures</p> <p>Chairman: Dr. Alec Groysman</p>	<p>Corrosion in Industry</p> <p>Chairman: Dr. Shoshana Tamir</p>	<p>Paints and coatings</p> <p>Chairman: Eng. Moshe Graff</p>
10:30-10:50	<p>Corrosion of brass-iron artifacts from the Akko 1 shipwreck</p> <p>Dr. Dana Ashkenazi, Dr. Alexandra Inberg, Tel Aviv University, Dr. Deborah Cvikel, University of Haifa</p>	<p>Corrosion testing for concrete reinforcement rods</p> <p>Meir Weiss, ICL</p>	<p>A new generation of zinc phosphate coating: green technology, special coating properties</p> <p>Isaac Rozentul, Phosfan Ltd.</p>
10:50-11:10	<p>Low-temperature stress corrosion cracking of stainless steel under chloride deposits</p> <p>Dr. Tomas Prosek, University of Chemistry and Technology Prague (Lecture in English)</p>	<p>Powder coating - Timna airport project</p> <p>Mr. ran mano Director General, univercol</p>	<p>The influence of the binder technology in the performance of tank lining coating</p> <p>MARCEL DE HAAN Global Product Champion Oil & Gas PPG Protective & Marine Coatings (Lecture in English)</p>
11:10-11:30	<p>Development of Soluble Salt contamination measurement</p> <p>Mr. Craig Woolhouse, Elcometer (Lecture in English)</p>	<p>Out of sight out of mind corrosion under thermal insulation (CUI) - description of the problem and presentation of solutions</p> <p>Guy Sorek, Sorpol Ltd</p>	<p>Electrochemical deposition of rhenium-based alloys as Thermal barrier coatings</p> <p>Prof. Eliezer Giladi, Prof. N. Eliaz, Tel Aviv University</p>
11:30-11:50	<p>The Role of Corrosion Management in Prevention of Corrosion Failures</p> <p>Dr .A. Groysman, Chemical Engineers and Chemists / Technion</p>	<p>Construction accordance to environment aggressiveness - corrosion at the front stage</p> <p>Engineer Hagay Shoshani, Nitsots – Industry consulting</p>	<p>Flame retardant paints and coatings for the petrochemical industry</p> <p>Tambour Ltd - International (Lecture in English)</p>

11:50-12:10	Flow Accelerated Corrosion: mechanism, solutions and questions Dr. Daniel Sinemans, IEC	Water quality to prevent corrosion in copper pipes cooling systems Gilad Kohl	Cathodic protection paints and resistant to cathodic protection Dr. Michael Tabachnik, Tambour
12:10-12:30	Novel Green Corrosion Inhibitors for Aluminum Batteries Dr. Daniel Gelman, Dr. Ekaterina Grishina, Prof. Sergei Belopuhov, Dr. David Starosvetsky, Dr. Alec Groysman, Prof. Yair Ein Eli	Prediction of corrosion in cooling systems Ela Lam, Nufar Kasalsi, Konstantin Tartakovsky, Alex Kozlowski, Moses Revayev, IDF	Corrosion prevention with paints and coatings at the chemical industry Ran Akiva, ICL
12:30-13:40	Lunch / Exhibition visit		
	Cathodic Protection Chairman: Eng. Igor Kantor	Corrosion in Industry Chairman: Eng. Gregory Neizvestny	Paint and Coatings Chairman: eng. Noam Yehud
13:40-14:00	Structural improvements in several cathodic protection methods Dr. Joseph Riskin	Online monitoring and control for the prevention of corrosion in boilers treated with phosphorus using cationic conductivity diagrams against specific conductivity Dr. Daniel Sinemans, IEC	Corrosion protection of steel by novel Zn-Mg and Zn-Al-Mg coatings: Optimal application conditions and mechanism Dr. Tomas Prosek, University of Chemistry and Technology Prague (Lecture in English)
14:00-14:20	Cathodic protection in gas stations Eng. Eli Elgarisi, E. Elgarisi Ltd	Coating of iron tanks containing salt-free water Yigal Strigonov, Anaf Coating	New paint systems based on fluoropolymers - Uses and Applications Dr. Michal Cohen, Sorpol
14:20-14:40	Cathodic protection - Welcome to the "Internet of things" IoT Eng. Aviv Kaminski, PIM Ltd	The new generation of "dry storage": conservation and long-term protection against corrosion using INTERCEPT technology Effy Huber, Armoria Ltd	Quality control in coating applications. – Israeli and worldwide trends Eitan Zur, Orokia Israel Ltd
14:40-15:00	Electrolyte system for the prevention of corrosion and scaling in water pipes and tanks (ECP) Eng. Gabi Elgarisi, Elgarisi Engineering Services Ltd	Detection of contamination for degreasing baths and service fluids Eng. Michal Zoubek, Dr. J. Kudláček, P. Chábera, CTU in Prague, Czech Republic (Lecture in English)	Developing a new anti-corrosive coating product Eng Ori Raz, nirlat
15:00-15:20	Active and passive cathodic protection – galvanizing in the field or during production Dan Bloch, Zinga	Corrosion failures of heat exchangers in the food industry Eng. Nahum Nave	FBE Coating (Fusion Bonded Epoxy) Eng. Noam Yahud, Bermad
15:20-15:40	Corrosion of Infrastructure Nearby Electrified Rail Systems as a result of High Voltage Dr. Shoshana Tamir Eng. Eli Elgarisi, E. Elgarisi Ltd	Corrosion and Corrosion Protection of Storage Tanks Containing Crude Oil, Fuels and Bio-fuels: Theory and Practice Dr. Alec Groysman, the Association of Chemical Engineers and Chemists	Cell for dispersion of coating thickness testing Yair Assaf, Bahak
15:40-16:00	Local repair of anodized Aerospace parts by Anodic electroplating Engineer Nitsan Fuks, Air Force	Considerations for the selection of steel tank internal coatings Eng Shay Litani, Israel Electric Company	Electropolish - A brilliant protection as a solution to stainless steel corrosion Raviv Bar-On, Limat
16:00-16:30		Corrosion control in the fertilizer industry Michael Schorr, Benjamin Valdez, Amir Eliezer, Ricardo Salinas, Universidad Autónoma de Baja California, Mexico / Sami Shamoon College of Engineering.	Applications and innovations in polyurea Mr. ofer soreq, Sorpol
16:30-17:00	At the end of the day there will be a raffle of a holiday abroad sponsored by Eshet Tours (subject to regulations)		

*All lectures at the conference will be present in Hebrew excluding lectures that will presented in Englishs