

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

ABSTRACT ID	EXTENDED ABSTRACT ID	TITLE	AUTHORS	INSTITUTE	COUNTRY
COR141	AMC-1	The Corrosion Behavior of MgAZ91D+SIC Nano Composite in Canola Oil Biodiesel	S.T Selvamani, P Hariprasath, M Vigneshwar, S Premkumar & D Jayaperumal	Department of Manufacturing Engineering (Cemajor), Annamalai University	India
COR191	AMC-2	Effect of Ageing Time on Corrosion Behaviour of Duplex Stainless Steel	Prateek Shendre, Ravindra Taiwade & Jagesvar Verma	VNIT, Nagpur	India
COR114	AMC-3	Insights into Chemistry of High Temperature Oxide Scales, Grain Boundaries and Interfaces Using Atom Probe Tomography (APT)	Ashok Vayyala, Ivan Povstugar, Dmitry Naumenko & Willem J Quadackers	Forschungszentrum Jülich	Germany
COR123	AMC-4	Effect of Aluminium's Layer Amount on Corrosion Resistance and Wear Resistance in the Coating Process of API 5L Grade B Steel Using Wire Arc Spray Method	Agung Purniawan, Rangga Al Gifary Imanullah, Jordy Revanda Widardo Apcar & Siska Ayu Pratiwi	Sepuluh Nopember Institute of Technology	Indonesia
COR124	AMC-5	Effect of Time Dip on Process Hot Dip Galvalum (Al55% -Zn-Si) to Adhesive Properties, Layer Thickness and Endurance of Corrosion in 580 Grade B Steel B	Fikri Muafa, Aulya Fadilla Rachman, Febriana Puspitasari Waluyo & Agung Purniawan	Sepuluh Nopember Institute of Technology	Indonesia
COR136	AMC-6	Effect of Nozzle Spacing on Corrosion Resistance and Abrasion Resistance on Thermal Spray Process Aluminum Material API 5L Grade B	Muhammad Naufal Prawironegoro, Muhammad Bagas Ananda, Rizkiy Amalia, Agung Purniawan & Ghafar Fahzrizal Aziz	Sepuluh Nopember Institute of Technology,	Indonesia

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR148	AMC-7	Corrosion Behavior of Ni-based and Fe-based Coatings Deposited by Thermal Spray on Low Nickel Cr-Mn Stainless Steel	Ankush S. Marodkar, Ravindra V. Taiwade & Himanshu Vashishtha	Visvesvaraya National Institute of Technology (VNIT)	India
COR165	AMC-8	Electrochemical and Microstructure Properties of Pure SnZn and SnZn-Go Composite Coatings	Rekha M Y, Anshul Kamboj & Chandan Srivastava	Indian Institute of Science, Bangalore	India
COR166	AMC-9	High Corrosion Resistance Offered by MWCNT Directly Grown over Mild Steel	Sweety Arora	Indian Institute of Science, Bangalore	India
COR192	AMC-10	Chemistry and Morphology of Oxide Products Formed on Reduced Activation Ferritic Martensitic and Grade 91 Steels During Atmospheric Exposure	Sreevidya N, C. R. Das & Shaju K. Albert	IGCAR	India
COR193	AMC-11	Oxidation and Corrosion Behaviours of Ni-Based Amorphous Alloy in Fluoride Containing Nitric Acid Environment and Corrosion Behaviours of Ni-Based Amorphous Alloy in Fluoride Containing Nitric Acid Environment	Chiranjit Podda, J Jayaraj & S Ningshen	IGCAR	India
COR195	AMC-12	Novel Environment Friendly Pretreatments for Electroless Ni-P Coating on AZ91 Magnesium Alloy	Charu Singh, Raghuvir Singh & S.K Tiwari	CSIR-National Metallurgical Laboratory	India
COR197	AMC-13	Optimization of Cvd Silicon Carbide Interlayer for Plasma Sprayed Yttria on High Density Graphite for Pyrochemical Reprocessing	Madhura B, Vetrivendan E, Ch. Jagadeeswara Rao, A Udayakumar & S. Ningshen	IGCAR	India
COR198	AMC-14	Effect of End Group Modification of Novel Hyperbranched Polymers on Corrosion Inhibition and High Performance Polyurethane-Urea Coating Properties	Rajnish Kumar, Ramanuj Narayan & K V S N Raju	CSIR-Indian Institute of Chemical Technology	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR199	AMC-15	High Corrosion Resistance Performance of Graphene- TiO ₂ Nanocomposite, Synthesized by a Green Route	B. Niveditha Reddy, V.N Ruchira, K.S Aneesha, V Sumedha & Ch.Shilpa Chakra	JNTUTECH	India
COR145	AMC-16	Effect of Strain Induced Martensite Reversal on the Corrosion Resistance and Degree of Sensitization of Cr-Mn Austenitic Stainless Steel	Sourabh Shukla, Vipin Tandon & Awanikumar P. Patil	Visvesvaraya National Institute of Technology (VNIT)	India
COR202	AMC-17	Study of Flow Accelerated Corrosion on AZ91D Magnesium Alloy Used in Engine Radiator	Shashi Bhushan Arya, Thakur Ashish & Ajmal T. S	National Institute of Technology, Surathkal	India
COR212	AMC-18	A Study of Corrosion Resistance Of AZ91D Magnesium Alloy Using Ca-TiO ₂ Composite	Gautam S Jacob, Roshan I, Mukesh Muraleedharan & Saibi R	TKM College of Engineering Kollam	India
COR209	AMC-19	Electrochemical Studies on Erosion-Corrosion behavior of Thermal Sprayed Cermet coatings for Hydroturbine Applications	Gaurav Singh, V.N.Shukla & Jayaganthan	IIT MADRAS	India
COR156	AMC-20	A novel hybrid electropolymerised composite coating of poly-2,5-dimercapto-1,3,4-thiadiazole/TiO ₂ on copper for corrosion inhibition in 3.5% NaCl medium	K. Vinothkumar & M. G. Sethuraman	The Gandhigram Rural Institute - Deemed to be University	India
COR116	BMD-1	thiadiazole/TiO ₂ on copper for corrosion inhibition in 3.5% NaCl medium	Sarveswaran Chandrasegaran, Eme Marina Salleh & Norinsan Kamil Othman	Universiti Kebangsaan Malaysia	Malaysia
COR121	BMD-2	Dynamic Electrochemical Impedance Spectroscopic (DEIS) Studies on ceramic oxide coated AZ31 Magnesium alloy	Nancy D & N Rajendran	Anna University	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR146	BMD-3	Corrosion Behaviour of Fluoride Conversion Coating on AZ31 Magnesium Alloy for Biomedical Applications	K. Saranya & N. Rajendran	Anna University	India
COR147	BMD-4	Two Step Anodization of AZ31 Magnesium Alloys to Improve Corrosion Resistance for Biomedical Applications.	Kalaiyarasan M & Rajendran N	Anna University	India
COR154	BMD-5	Electrochemical Behavior and Biocompatibility of Mixed Oxide Coated 316L SS for Biomedical Applications	K. Pradeep Premkumar & N. Rajendran	Department of Chemistry, Anna University	India
COR189	BMD-6	Spray Pyrolysis Coating of Bioactive Glass/TiO ₂ Composite Coatings on CP-Ti For Load Bearing Osseointegration Applications	Bargavi P, Chitra S, Durgalakshmi D & Rajashree P	University of Madras	India
COR201	BMD-7	Fabrication of PANI/AgNPs Composite on Titania Nanotubes for Biomedical Applications	P.Agilan & N Rajendran	Anna University	India
COR204	BMD-8	Design and Characterization of E-waste based Bio-composites for Biomedical applications	Arun Raja A. K, Kiran Bose A, Yogendar V & Vignesh K	St. Joseph's Institute of Technology	India
COR223	BMD-9	Comparitive Study on Strength Enhancement of Concrete Using Magnetic and Normal Water	Vijay.S, Jothimani.K, Ramya.R, Gayathri.S & Priyanka.P	Imayam College of Engineering	India
COR215	BMT-1	Reduced Graphene Oxide (RGO)/PCL composite coating on Calcium phosphate coated Ti nanotubes for orthopaedic implant application	S.A. Iynoon Jariya & K. Ravichandran	University of Madras	India
COR220	BMT-2	Long term Corrosion behavior of YSZ bioinert ceramic coatings in artificial saliva	S. Mohandoss, V. Balasubramani, B.Venkatachalapathy & T.M. Sridhar	University of Madras	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR111	INH-1	Failure Analysis on Refinery Assets	Azmahani Sadikin & Ng Ying Khian	Universiti Tun Hussein Onn Malaysia	Malaysia
COR117	INH-2	Green Silicate-Based Corrosion Inhibitor from Rice Husk Ash as Anti-Corrosion for Carbon Steel	Zulhusni Dasuki, Emee Marina Salleh & Norinsan Kamil Othman	Universiti Kebangsaan Malaysia	Malaysia
COR120	INH-3	Study of Performance Evaluation Inhibitor Corrosion Based on Green Corrosion Inhibitor of Extract Leaf Tobacco and Commercial Imidazoline Inhibitor in Sweet Environment at Carbon Steel AISI 1045 in NaCl 3.5% Solution	Mochamad Alvan Mifta Chusururi, Dendra Ravelia, Nafi'ul Fikri Ahmadi & Shochibul Ma`Arif	Sepuluh Nopember Institute of Technology Surabaya	Indonesia
COR143	INH-4	Quantitative Structure-Property Relationships of Heterocyclic Organic Compounds as Corrosion Inhibitors of Steel	Abhishek Agarwal, Pradeep Rathore, Vinay Jain & Beena Rai	TCS	India
COR160	INH-5	Electrochemical and Surface Investigation of 3-Aminomethyl-5-Methyl-Hexanoic Acid as Effective Corrosion Inhibitor for Copper in 1.0 M HNO ₃	G. Vengatesh & Dr. M Sundaravadivelu	The Gandhigram Rural Institute-Deemed University	India
COR169	INH-6	Experimental and Theoretical Studies for Antibiotic Drug Quinurenic Acid as Green Corrosion Inhibitors for Mild Steel In 1.0 M HNO ₃ Using DFT	R. Ganapathi Sundaram, G Vengatesh, M Thamaraiselvi & M Sundaravadivelu	Mahendra Engineering College (Autonomous)	India
COR174	INH-7	Microwave-Assisted Synthesis of Chitosan Schiff Base as Green Corrosion Inhibitor for Mild Steel in Acid Chloride Medium: Electrochemical, SEM/EDX Studies	Jiyaul Haque, Vandana Srivastava & M A Quraishi	IIT(BHU)	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR181	INH-8	Characterization of Thin Films Formed by Plasma Electrolytic Oxidation on Zircaloy-2	Sinu Chandran, H Subramanian, Veena Subramanian, S Rangarajan & S Velmurugan	Bhabha Atomic Research Centre Facilities	India
COR182	INH-9	Chitosan: A Green Corrosion Inhibitor for Mild Steel in 1M Sulphamic Acid	Prathamesh G. Joshi, M. A. Quraishi & V. Srivastava	IIT (BHU)	India
COR184	INH-10	Electrochemical Corrosion Studies of Oxides Formed on Carbon Steel in Presence of Metal Ions by Hydrothermal Method	Sumathi Suresh, Dr. S. Rangarajan & Dr. S. Velmurugan	Bhabha Atomic Research Centre - Facilities	India
COR185	INH-11	Corrosion Evaluation of Incoloy 800 in Octadecylamine Solutions	Subrata Kuilya, Veena Subramanian, S Rangarajan & S Velmurugan	Water and Steam Chemistry Division, IGCAR	India
COR187	INH-12	Evaluation of Corrosion Inhibition of Tetrabutylammonium Bromide for Mild Steel in 3.5% NaCl Medium	N.Subasree, J Arockia Selvi & M Arthanareeswari	SRMIST	India
COR125	INH-13	Coating in Pipeline Using Chemicals Corrosion Inhibitors that Work by Forming a Protective Layer on Metal	Febriana Puspitasari Waluyo, Alif Farrel Nayondra, Alif Azizia Putri Maulidia & Rizki Marcelino Sani	Sepuluh Nopember Institute of Technology	Indonesia
COR139	INH-14	A Study on The Effect of Leachable Chloride on Pitting Initiation of Austenitic Stainless Steel under Thermal Insulation.	Prema	Universiti Teknologi Petronas	Malaysia
COR211	INH-15	Effect of 5 hydroxymethylfurfural in green corrosion inhibition and performance of other compounds in fruit peels extract as inhibitors.	Pranav Santhosh, Meenakshi Priyadarsini, Irene Wilson & Athuljith A	TKM College of Engineering Kollam	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR208	INH-16	Hot Corrosion Studies of Detonation Gun-sprayed Alumina Coating in an Actual Industrial Environment of a Coal Fired Boiler	Harshit Trived, Anubhav Bhatt, R Jayaganthan & V N Shukla	Global Institute of Technology, Jaipur	India
COR221	INH-17	Zinc Free Pigment for Anti-Corrosive Coating	Krishnapriya K V & Nithyaa J	CSIR-NIIST	India
COR108	RCC-1	Accelerated Test Method for Sacrificial Anode System for Reinforced Concrete Structures	Deepak K Kamde & Radhakrishna G. Pillai	Indian Institute of Technology Madras	India
COR134	RCC-2	Study of the Effect of Surface Preparation on the Corrosion Resistance of Uncoated and Cement Polymer Composite Coated TMT Steel Reinforcement	Akshay Rudhan, Alan Verghese, Anjaly Ajayan & Malavika S	Rajiv Gandhi Institute of Technology	India
COR140	RCC-3	Determination of pH Threshold of Corrosion Initiation for Cementitious System with Supplementary Cementitious System	Sundar Rathnarajan & Radhakrishna G. Pillai	Indian Institute of Technology Madras	India
COR168	RCC-4	Reinforcement Corrosion Rate Measurement Using Linear Polarization Resistance Method	Mohamad Zaitoun, Sultan Ahmad & Shamsad Ahmad	Ing Fahd University of Petroleum And Minerals	Saudi Arabia
COR176	RCC-5	A Comparative Study of Service Life Prediction Models for Concrete Structures Subjected to Carbonation	Ashokreddy Annapareddy & K. C Gary Ong	National University of Singapore	Singapore
COR179	RCC-6	Pitting Corrosion Considering Effect of Temperature and Relative Humidity: Numerical Model	Aditi Chauhan & Umesh Kumar Sharma	IIT ROORKEE	India
COR180	RCC-7	Effects of Corrosion on Seismic Behaviour Of RC Columns	Aditya Singh Rajput & Umesh Kumar Sharma	Indian Institute of Technology, Roorkee	India
COR200	RCC-8	Corrosion Behavior of OPC, PPC and PSC based Concretes in Harsh Marine Environment by Implying Electrochemical Impedance Spectroscopy	Sharan Kumar, S. B Arya & B.B Das	National Institute of Technology, Surathkal	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR153	RCC-9	Electrochemical Studies for Establishing a Two-Stage Corrosion Arrest Process for Steel Reinforcement	Nikita Rathod, George Sergi, Professor Peter Slater & Gamini Seneviratne	University of Birmingham and Vector Corrosion Technologies	United Kingdom
COR137	RCC-10	The Inhibition Effect of Several Inhibitors on Rebar in Saturated Calcium Hydroxide Solution with Reduced Alkalinity	Ashish Tiwari & Shweta Goyal	Thapar University	India
COR162	RCC-11	Analysis of Cathodic Protection Design Criteria for Embedded Steel Reinforcement in Prototype Structure	Dolli H, Kavitha A, Lily Flora & Selvamani S T	Vel Tech Multi Tech Engineering College	India
COR149	RCC-12	Experimental Investigation on Durability of Fly ash and Slag Blended Geopolymer Concrete	Nithya M, Srinivasan V, Sundar Kumar S & Pazhani K C	Csir-Structural Engineering Research Centre	India
COR213	RCC-13	Corrosion Properties of High-Performance Fly Ash Lightweight Aggregate Concrete	Manu S Nadesan & Dinakar Pasla	IIT Bhubaneswar	India
COR207	RCC-14	Effect of Corrosion Inhibitor on Corrosion Rate of Quenched and Self-Tempered (QST) Steel Embedded in Mortar Exposed to Chlorides	Sharmila P, Rajesh Kannan P & Jayachandran Karuppanasamy	NIT Trichi	India
COR210	RCC-15	Industrial Application of Rubberised Sand Concrete for Corrosion Resistance	Rijo C Andrews, Akhil Raj J, Akhil Raj M, Anaswara & Saibi R	TKM College of Engineering Kollam	India
COR216	RCC-16	Flexural Behaviour of RCC Beams due to Varied Configuration of Steel Rebars	Ahmad Abdul Ahad & M.S. Haji Sheik Mohammed	B. S. Abdur Rahman University	India
COR217	RCC-17	Microbial Induced Corrosion in Concrete and its Preventive Measures (A Review)	Mohd Umar & M.S. Haji Sheik Mohammed	B. S. Abdur Rahman University	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR196	SMS-1	Antibacterial Efficacy of Graphene Oxide-Polyvinylpyrrolidone Composite Coating on 316L Stainless Steel	Geetisubhra Jena, B Anandkumar, S.C Vanithakumari, R.P. George & U Kamachi Mudali, John Philip	IGCAR	India
COR172	SMS-2	Enhancement Of Biodeterioration Resistance On Fly Ash Concrete Through Nanoparticles Inclusion For Marine Applications	Sudha Uthaman, Vinita Vishwakarma, D. Ramachandran, B. Anandkumar & R.P. George	Indira Gandhi Centre For Atomic Research	India
COR186	SMS-3	Corrosion Studies on Hybrid A356/B4C/Steel Slag Hybrid Metal Matrix Composite	Sridhar Raja.K.S, Bupesh Raja.V.K, Mukilan.S & Rasheed Tharik.R	Sathyabama Institute of Science and Technology	India
COR203	SMS-4	Study and Synthesis of Nanoparticles in Antifouling Coatings for Preventing Microbially Induced Corrosion (MIC)	Sruthy C. Nair, M. Vivek & Yaduraj K.	TKM College of Engineering	India
COR222	SMS-5	Studies on High Performance Green Concrete Mortars with Enhanced Biofouling Resistance by Incorporating Nanoparticles and Inhibitor	Manu Harilal, Sudha Uthaman, R.P.George, B.Anandkumar, John Philip & U.Kamachi Mudali	IGCAR	India
COR132	ETT-1	Effect of Corrosion on Bond Strength of Reinforced Concrete Element due to Impressed Voltage	Sheetal Sahare & Bilavari Karkare	Vishwakarma Institute of Information Technology	India
COR109	ETT-2	The Effect of Electrochemical Migration of Pb-free Sn – 3.0Ag – 0.5Cu Solder Reinforced by NiO Nanoparticles	Fakhrul Rifdi Omar, Eme Marina Salleh, Norinsan Kamil Othman, Fakhrozi Che Ani & Zambri Samsudin	Universiti Kebangsaan Malaysia	Malaysia

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR128	ETT-3	Performance Evaluation of Coated Rebar under Accelerated Corrosion using Electrochemical Techniques	Shilpa Patil, Prafull Yenape & Bilavari Karkare	Vishwakarma Institute of Information Technology	India
COR138	ETT-4	Effect of Cell Geometry on Electrochemical Measurements of Steel-Cementitious Systems	Sripriya Rengaraju, Radhakrishna G. Pillai & Lakshman Neelakantan	Indian Institute of Technology Madras	India
COR144	ETT-5	Estimation of Polarization Resistance Using Nonlinear Electrochemical Impedance Spectroscopy – Cu Dissolution	Rajesh Pachimatla & Ramanathan S	Indian Institute of Technology Madras	India
COR177	ETT-6	Flow Accelerated Corrosion of API X70 Pipeline Steel in Oilfield Water	T. S. Ajmal, Shashi Bhushan Arya & K. Rajendra Udupa	National Institute of Technology, Surathkal	India
COR131	ETT-7	Corrosion Investigation of Commercially available Linepipe Steel in CO ₂ Environment	Muhammad Haris, Saeid Kakooei & Mokhtar Che Ismail	Universiti Teknologi Petronas	Malaysia
COR178	ETT-8	Study of Surface Temperature and Condensation Rate on Top of the Line Corrosion Under CO ₂ Environment	Fakhrul Rozi, Ir. Mokhtar Che Ismail & Kee Kok Eng	Universiti Teknologi Petronas	Malaysia
COR129	ETT-9	Mechanistic Analysis of Ta dissolution in Aqueous HF	P. M Ranjith & S Ramanathan	Indian Institute of Technology Madras	India
COR130	ENT-1	Direct & Pulse Current Electrodeposition of Co-W-Fe Alloy and Its Corrosion Studies	S.Abinaya, M.Abdul Bashith & A.Amutha	Csir-Central Electrochemical Research Institute	India
COR152	ENT-3	Optical and Anticorrosive Properties of Electroactive Methacrylate Polymer Hybrid Nanocomposite Coating on Mild Steel	I Pugazhenthii, S Mohammed Safiullah & K Anver Basha	C. Abdul Hakeem College (Autonomous)	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR157	ENT-4	Indigenously Developed AAO Templates for Metallic Nanowires Fabrication for Functional Applications	Arulkumar Ganapathi, Parasuraman Swaminathan & Lakshman Neelakantan	IIT MADRAS	India
COR167	ENT-5	Synthesis, Characterization and Anticorrosive Performance of Polymer Nanocomposite Microspheres	K Abdul Wasi, Mohammed Safiullah & K Anver Basha	C. Abdul Hakeem College	India
COR171	ENT-6	Electropolymerization of 6-N,N-Dibutylamino-1,3,5-Triazine-2,4-Dithiol Mono Sodium (DBATDT) Nano-Film On Titanium Metal Surface and Film Evaluation for Anticorrosion & Antifouling Properties	P Bhuvaneshwari & P Kalaiselvi	CSIR-CERCI Madras Unit	India
COR173	ENT-7	Anticorrosive Performance of Pyrazole Based Hybrid Coating on Mild Steel	Mohamed Ashfaque Patnam, K Anver Basha & S Mohammed Safiullah	C. Abdul Hakeem College	India
COR183	ENT-8	Effect of Reverse Pulse Current and other Plating Parameters on Electrodeposition of Ni-MoSe ₂ Nanocomposite Coatings and Their Mechanical and Corrosion Behaviours	N Mugilan, Antony Joseph, K Balakrishnan & A Subramania	Pondicherry University	India
COR194	ENT-9	Enhanced Corrosion Resistance of PT Modified Polyaniline Coated on 316l SS as Metallic Bipolar Plates for PEM Fuel Cell Application	Sriram K, Raman Vedarajan & Rajalakshmi N	Nternational Advanced Research Centre for Powder Metallurgy And New Materials	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR214	ENT-10	One-step Electrodeposition of Pt on mild steel/Carbon for ORR: Materials and Methods	Lokesh Krishnakumar & Kalpana Giridharan	Central Electrochemical Research Institute, CSIR Madras Complex	India
COR218	ENT-11	Size-dependent anti-microbial response of silver nanoparticles for anti-fouling applications in marine environment	Y. Raghupathy, G. Karthiga, K.A. Natarajan & C. Srivastava	Indian Institute of Science	India
COR219	ENT-12	Hybrid Electro and Electroless Ni based Polymer (PVA) Composites on stainless steels for industrial applications	H. Usharani, T.S.N. Sankaranarayanan & T.M. Sridhar	University of Madras	India
COR142	ENT-13	Improvement of Corrosion resistance of Mild steel with Pulsed Electrodeposited ZrO ₂ -TiO ₂ Nano composite coating	Chitrada Prasad, Raffi Mohammed, K. Srinivasarao & K. Ramji	Andhra University College for Engineering	India
COR110	SOI-1	Superior Anticorrosive Properties in Epoxy Coating Through Waste Utilization	Aparna Arun Agrawa, Shweta Yashwant Amrutkar, Aarti More & S. T Mhaske	Institute of Chemical Technology	India
COR112	SOI-2	Development of Self-Healing Coating using polyurea-formaldehyde (PUF) Microcapsules containing Sea Mango Oil as Healing Agent on Carbon Steel	Nurul Nadiyah & Nor Roslina	MARA University of Technology	Malaysia
COR113	SOI-3	Study on Anticorrosive Properties of Sodium Diethyldithiocarbamate-loaded Halloysite Nanotube / Epoxy as A Smart Coating	Khairina Azmi Zahidah, Saeid Kakoei, Mokhtar Che Ismail & Hamed Mohebbi	Universiti Teknologi Petronas	Malaysia

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR126	SOI-4	Effect of Solvent Composition and Thickness of Epoxy Cat on Stickiness and Blistering on the NaCl Environment Applied to Carbon Steels	Arfiansyah, Nindio Mahendra W, Rizki Marcelino Sani, Agung Purniawan & Maulana Mufti Muhammad	Sepuluh Nopember Institute of Technology	Indonesia
COR150	SOI-5	Synthesis, Characterization and Anticorrosion Studies of EPI/CuO Composites Coating	Jeetendra Malav, Ramesh C. Rathod & Suresh S. Umare	Visvesvaraya National Institute of Technology (VNIT)	India
COR175	SOI-6	Amino Acid-Functionalized Graphene Material as Corrosion Inhibitor on Mild Steel in 1M Sulphuric Acid Environment	Nagarajan Palaniappan, C Lal, K Balasubaramanian, Ivan. S.Cole & Caballero-Brionesd	Central University of Gujarat	India
COR164	SOI-7	Evaluation of Efficacy of Nano-Pectin Biopolymer for Improving Corrosion Resistance of Epoxy Resin Coating on 6061AL-15%(V) SiC(P) Composite in Acid Medium	Charitha B P & Padmalatha Rao	Manipal Institute of Technology	India
COR188	SOI-8	Corrosion Protection Coatings Over Metallic Flow Field Plates for PEM Fuel Cell- Preliminary Analysis	S Ramakrishnan & N Rajalakshmi	Center For Fuel Cell Technology, Arci Chennai Division	India
COR127	SOI-9	The Analysis of Effectiveness of Polyethylene and Polypropylene as the Top Coat on Three Layer Coating Method Against Corrosion Resistance of B-Grade API 5l Steel	Deni Rizky Febrisa, Yoseph Lintong J Samosir, Alif Azizia Putri, Yosafat Sondang Marcellinus Siahaan & Agung Purniawan	Institut Teknologi Sepuluh Nopember (ITS)	Indonesia

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR133	SOI-10	Effect of Heavy Percentage in Al2O3, on Corrosion Resistance of Al Layers of Composite, on Magnesium by Powder Flame Spray Method	Ellyda Aulya Santy, Agung Purniawan S.T, Fikra Muhammad Iqbal, Aldi Megantara Arifin & Muhamad Rizqy Jafa	Institute of Technology Sepuluh Nopember	Indonesia
COR122	SOI-11	Effect of Silicon Oxide (SiO ₂) Powder Addition on Adhesion Strength, Corrosion Resistant and Abrasion Resistant of Epoxy Coating	Hilmy Suryadinata, Agung Purniawan, Radhovan Zanata & Alif Farrel Nayondra	Sepuluh Nopember Institute of Technology	Indonesia
COR206	SOI-12	Performance of Tannic Acid Based Rust Converters on Mild Steel Exposed to Brackish Water Environment	Dawood Ansari H, Felixvargees V & Dr. Balaji D	Sri Sivasubramaniya Nadar College of Engineering	India
COR155	WHC-1	Effect of Welding Processes on the Intergranular Corrosion of Ultra Low Nickel Chromium Manganese Austenitic Stainless Steel	Atul V. Tidke, Sachin P. Ambade, Awanikumar P. Patil & Yogesh M. Puri	Visvesvaraya National Institute of Technology	India
COR158	WHC-2	Influence of Process Parameter for Joining Highly Stable AISI 409M FSS by Resistance Spot Welding	Hariharan S.J, Selvamani S.T, Shanmugam K & Balasubramanian V	Annamalai University	India
COR159	WHC-3	Corrosion Behavior of Advanced Cold Metal Transfer Welded Aa7075-T651 Grade Aluminum Alloy for Aerospace Applications	Selvamani S T, Govintarajan P, Ajaymohan M, Hariharan S J & Vigneshwar M	Vel Tech Multi Tech Engineering College/ Vel Tech R&D Institute of Science & Technology	India

CORSYM 2018 - LIST OF ACCEPTED ABSTRACTS

COR161	WHC-4	Comparison on Mechanical and Metallurgical Properties of Friction Stir Welded and Advanced CMT Welded AA 7075 Aluminum Alloy Butt Joints	Selvamani S T, Govintarajan P, Ajaymohan M, Hariharan S J & Vigneshwar M	Vel Tech Multi Tech Engineering College	India
COR163	WHC-5	Corrosion Behavior and Analysis on Friction Stir Welded Al Metal Matrix Nanocomposites	Vigneshwar M, Selvamani S T, Jayaperumal D & Palanikumar K	Veltech Multi Tech Engineering College/ Vel Tech R&D Institute of Science and Technology	India
COR170	WHC-6	A Study on Corrosion Sensitivity of Friction Stir Spot Welded Dissimilar Al/Cu Joints	Siddharth Sampathkumar & T Senthilkumar	University College of Engineering, BIT Campus, Anna University Tiruchirappalli	India