

International Conference on Advances in Material Science (ICAMS) 2020

Session Links and Presentation Schedule

Saturday, October 03, 2020

For any other queries contact us at info.icams@gmail.com

Presentation Day: Saturday, October 03, 2020

Session	Indian Standard Time	Google Link
Inauguration	11.00 am to 11.30 am	http://meet.google.com/bfk-anah-dye
F 01	11.30 am to 01.00 pm	https://meet.google.com/cnw-tyvh-pbz
F 02	11.30 am to 01.00 pm	https://meet.google.com/veb-knhu-pfd?hs=151
F 03	11.30 am to 01.00 pm	http://meet.google.com/nht-buxk-nnp
M 01	01.30 pm to 03.00 pm	https://meet.google.com/pok-uwue-zpp
M 02	01.30 pm to 03.00 pm	https://meet.google.com/gdp-verz-dnw
M 03	01.30 pm to 03.00 pm	http://meet.google.com/hyp-mvzj-nks
M 04	01.30 pm to 03.00 pm	https://meet.google.com/kkm-tudr-jyn
L 01	03.00 pm to 04.30 pm	http://meet.google.com/ojk-ncww-zcs
L 02	03.00 pm to 04.30 pm	http://meet.google.com/hbn-rrwq-dys
L 03	03.00 pm to 04.30 pm	http://meet.google.com/qqm-odkd-jaa

- All presentations will be conducted through Google meet. The individual link for each session is listed above.
- Presentation time will be 15 minutes for each paper. 12 Minutes for presentation and 3 minutes for questions and answers.
- Authors are requested to attend the full session.
- It is necessary to at least one author should present the paper in the conference. All presentations will be recorded.

Session	Paper Title	Authors
F01	Advancement in Liquid Processing Techniques of Aerospace-Grade 7XXX Series Aluminium Alloy and its Composites	P. Vasanthakumar, K. Sekar, Rahul Kumar Madhukar
	Optimization of Warm Deep Drawing Process Parameters for DP590 Steel Using RSM	Sandeep Pandre, Saravanan Arunachalam, Ankit Tiwari, Ruchir Yadav, Nitin Kotkunde, And Swadesh Kumar Singh
	A review on chemical mechanical planarization (CMP) of barrier layer metals	Arpita Shukla, S. Noyel Victoria, R. Manivannan
	An Overview of Metallic Materials Fabrication by Direct Energy Deposition	Azhagarsamy P, Sekar K, Murali K P
	Characterization of Additive Manufactured Inconel 718 Alloy Using Laser Cladding	Prayag Burad, Chaitanya G., Nikhil Thawari, Jatin Bhatt And T V K Gupta
	Mechanical and Tribological Properties of A7075/ SiC/ B4C Hybrid Composite Fabricated by Stir and Squeeze Casting Method	K. Sekar
M01	Enhanced Adsorption of Congo Red Dye from from Aqueous Solutions on Mg-Fe LDHs Using Response Surface Methodology	Lam Van Tan, Nguyen Thi Hong Tham, Dao Thi To Uyen
	CdS Nanostructured Thin Films Synthesized by Pulsed Laser Deposition for Solar Cell Technology	Jinan A. Abd, Wasan M. Mohammed And Amer Al-Nafiey
	Application of Zn-Al LDHs for Adsorptive Removal of Congo Red Dye from Aqueous Solutions Using Response Surface Methodology	Lam Van Tan, To-Uyen T. Dao, Hong-Tham T. Nguyen
	Doping-Induced Changes in Structural and Luminescence Properties of PVP Coated ZnS Nanoparticles due to Co Doping	I.A. Shaikh, Adhish V. Raval, N.V. Desai And D.V. Shah
	Laser Photocatalysis of the Chlorophyll Dye Using the Cyclic Voltammetry Method	Huda S. Alhasan
	Optimization of the Ginger (Zingiber officinale) Essential Oil Extraction Process Using Response Surface Methodology	Thien Hien Tran, Phu Thuong Nhan Nguyen, Le Thi Hong Nhan, Phuong Thao, Tran Quoc Toan
L01	Preparing and Formulating the Face-Wash from Coconut Oil in Ben Tre Province, Vietnam	Tran Thi Kim Ngan, Tran Thien Hien, Long Giang Bach, Xuan Tien Le
	The Removal of Methyl Violet (MV) Dye from Aqueous	Lam Van Tan, Nguyen Thi Hong Tham, Pham

	Solution Using Exfoliated Graphite	Van Thinh
	Application of Lemongrass (Cymbopogon citratus) Essential Oil Produced in Tien Giang Province, Vietnam to Air-Freshener Gel Products	Pham Tri Nhut, Tran Thien Hien , Nguyen Duy Trinh, Mai Huynh Cang, Long Giang Bach
	Biosynthesis of Iron and Cobalt Nanoparticles using Garlic (Allium cativum) Extract: Some their Applications	Wisam J. Aziz, Marwa Abdul Muhsien Hassan And Mohammed Jwad Khadam
	Adsorption of Congo Red Dye onto Exfoliated Graphite decorated NiFe ₂ O ₄ Nanocomposite by using the Response Surface Methodology	Lam Van Tan, To-Uyen T. Dao, Hong-Tham T. Nguyen, Pham Van Thinh
	Investigating the Extraction and Evaluating the Stability of Anthocyanin in Clitoria Ternatea L. Flower	Pham Tri Nhut, Nguyen Phu Thuong Nhan, Le Tien Dung, Xuan Tien Le
F02	Analysis and Design of Laminated Rubber Bearings for Structures in Seismic regions	Govardhan Bhatt And Manoj Dhakad
	Rutting Performance of Road Using Construction and Demolition Waste Materials	Arpan Ray, Radhikesh Prasad Nanda And Pronab Roy
	Mechanical and Durability Analysis for Recycled Materials	Anamika Agnihotri, Ajay Singh Jethoo P.V. Ramana
	Static and Dynamic Behaviors of Fibre Reinforced Recycled Aggregate Mortar	SALLEHAN Ismail, MOHAMAD ASRI Abd Hamid And ZAITON Yaacob
	Evaluation of the Shear Strength Design Equations for Slender and Non-Slender Rc Beams Admixed with Recycled Concrete Aggregate without Web Reinforcement	M.V.S.S. Sastri, K.Jagannadha Rao And V.Bhikshma
	A Model Based Study of Fatigue Life Prediction for Multifarious Loadings	Chandra Kant, Ga Harmain
M02	Corrosion Protection in Acidic Medium for Mild Steel Using Various Plants Extract as Green Corrosion Inhibitor:- a Review	Payal Baitule, R. Manivannan
	Nano-modification of Concrete with Slurries using Ultra-Jet Technology	Galinovskiy Andrey Leonidovich, Prokhorova Mary Alekseevna, Kyaw Myo Htet, Bochkarev Sergey Vasilievich, And Kravchenko Igor Nikolaevich
	Evaluation of Mechanical and Wear Properties of Steel - Unidirectional Glass Fibre Reinforced Sandwich Laminate	Ganesh R. Chavhan, Lalit N. Wankhade
	Recent Advances in Bio-Based Sustainable Aliphatic and Aromatic Epoxy Resins for Composite Applications	S. Sathyaraj, K. Sekar

	Design and Optimization of Paper Laminate in Axial Loading Conditions Using Franc 2D and CASCA	Pawan Kumar , Bipin Bihari Verma, Srijan Sengupta , Aniket Kumar Dutt And Mamookho Elizabeth Makhatha
	Surfactant Free Synthesis and Characterization of α -MoO ₃ Nanoplates: A Feasibility Study to Remove Methylene Blue from Aqueous Medium	Vishva Jain, Dimple Shah, Kinjal Patel, Yash Doshi
L02	Hybrid Design Architecture and Sensitivity Analysis of Cu Based SPR Sensors	Anjitha M, Varsha. T. Babu, Niveditha Nair, Nishi. G.N, Athulya S, Arya K, Derese Desta ³ , Rakesh Kumar, Sanjay K. Ram
	EBSD Investigation to Study the Restoration Mechanism and Sub-Structural Characteristics of 23Cr-6Ni-3Mo Duplex Stainless Steel with an Initial Equiaxed Austenite Morphology during Post-Deformation Annealing	Pawan Kumar , Peter Hodgson , Hossein Beladi , Amit Roy Chowdhury , Mamookho Elizabeth Makhatha And Aniket Kumar Dutt
	Evaluation of Indium Tin Oxide Based SPR Sensor for NIR Applications	Anjitha M, Niveditha Nair, Varsha. T. Babu, Nishi. G.N, Athulya. S, Sharika Warrior , Tauseef Ahmed, Mukul Kumar Das, Rita Rizzoli, Caterina Summonte, Sanjay K. Ram
	The Tool's Optimum Geometry Research For Obtaining Apertures In Semi-Cured Polymer Composite Materials	KOMKOV Mikhail Andreevich, VASILYEVA Tatyana Vladimirovna, KHOKHLOV Yuriy Nikolaevich And Prokhorova Maria Alekseevna
	Influence of Aluminium Content on the Microstructure & Densification of Spark Plasma Sintered Nickel Aluminium Bronze	Okoro Avwersuoghene Moses, Lephuthing Senzeni Siphoo, Oke Samuel Ranti' And Olubambi Peter Apata
	The influence of MnO ₂ content on the sinterability and mechanical properties of MnO ₂ -TiO ₂ composites	Lephuthing Senzeni Siphoo, Okoro Avwersuoghene Moses, Ige Oladeji Oluremi And Olubambi Peter Apata
F03	Studies on Strength and Behaviour of Hot Mix Asphalt Using Steel Slag Aggregates in Pavements	B.Sridhar' And M.V.S.S.Sastri
	Corrosion Behaviour of In Situ Al _x Ni _y Reinforced AA6061 Composite	Vishwanatha A D, Shivanna D M , Bijayani Panda
	Experimental Study on Iron Ore Tailings as Aggregate in Development of Bricks and Concrete	Shubhanand Rao, Gayana B Cand Ram Chandar K
	Effect of Accelerated Curing on Strength of Quaternary Blended Cement Concrete with Recycled Aggregate	Vishal Akula' M.V.S.S.Sastri , P.Mahender And K.Jagannadha Rao'

	Effect of Coating Thickness on the Corrosion Behavior of Galvanized Steel in 3.5 % NaCl Solution	Vishwanatha A D, Bijayani Panda, Balaraju J N, Preeti Prakash Sahoo, Shreyas P
	One-Pot Hydrothermal Synthesis of Polypyrrole Nanoneedles for Energy Storage Application	Nandana Babu
	Fabrication and Mechanical Characterization of PP/Clay Nanocomposites	Afshin Zamani Zakaria, Salari Salahi And Guney Guven Yapici
M03	Studies on corrosion behaviour of spark plasma sintered Al(TiFe-SiC) composites in chloride environment	Samuel Olukayode Akinwamide, Miltia Lesufi, Nthabiseng Kumalo, Ojo Jeremiah Akinribide, Peter Apata Olubambi
	Manufacturing and Mechanical Behavior of Titanium-IF Steel Composite by Accumulative Roll Bonding	Furqan Tahir And Guney Guven Yapici
	Effects of Aging on the Microstructure and Phase Transformation Behavior of Cu-Al-Mn Shape Memory Alloy	S. V. Seyedmohammadi, Amin Radi And Guney Guven Yapici
	Influence of Pre-Annealing on Densification, Microstructure and Microhardness of Spark Plasma Sintered TiO ₂ -MnO ₂ composites	Lesego M. Mohlala, Nonhlanhla P. Cele, Peter A. Olubambi And Tien-Chien Jen
	Influence of Alumina Addition on the Densification Behaviour and Microhardness of Al ₂ O ₃ -Ti ₆ Al ₄ V Composites	Okoro Avwersuoghene Moses, Lephuthing Senzeni Siphon, Ajiteru Oluwaniyi Azeez, Olubambi Peter Apata
	Effect of heat treatment on corrosion properties of spark plasma sintered aluminium based composites	Miltia Lesufi, Samuel Olukayode Akinwamide, Macfession Fidesi, Peter Apata Olubambi
L03	Mechanical Behavior of Constrained Groove Pressed Stainless Steel and Pure Zinc	Zeynel Guler And Guney Guven Yapici
	Effect of Ni Doping on the Sensing Characteristics of Graphene for NO ₂ and CO Detection: A Density Functional Theory Study	Lesego M. Mohlala, Tien-Chien Jen And Peter A. Olubambi
	Mechanical Property Optimization for Friction Stir Welded Aluminum-Copper Joints	Salar Salahi, Guney Guven Yapici
	Impact of dispersion methods on the interfacial reactions, structural integrity and distribution characteristics of MWCNT in Ti ₆ Al ₄ V alloy	Oluwaniyi Azeez Ajiteru, Thato Sharon Tshephe, Avwersuoghene Moses Okoro, Peter Apata Olubambi
	Ultrajet Mesodiagnostic Probabilistic Model for Surface Layer's Variable Defectiveness of Complex Technology Products	Galinovskiy Andrey Leonidovich, Barzov Alexander Alexandrovich, Prokhorova Mary Alekseevna

	Researching and Preparing Mosquito Repellent Solution Eco-friendly from Lemongrass (Cymbopogon Citratus) Essential Oil	Tran Thi Kim Ngan, Tran Thien Hien Ngo Thi Cam Quyen, Phan Nguyen Quynh Anh, Le Thi Hong Nhan
M04	Physical Characteristics and Organoleptic Test of Essential Oil Extracted from Sedap malam Flower (Polianthes tuberosa) Using N-Hexane Solvent	Suharno Rusdi, Farida Imtiyaz, Nopia Denvil Wulandari , Achmad Chafidz
	Researching and Preparing Mosquito Repellent Solution Eco-Friendly from Lemongrass (Cymbopogon Citratus) Essential Oil	Tran Thi Kim Ngan, Tran Thien Hien, Ngo Thi Cam Quyen, Phan Nguyen Quynh Anh, Le Thi Hong Nhan
	Utilization of Old Coconut (Cocos nucifera) Husk Waste as Potential Source of Natural Dye and its Dyeing Properties on Cotton Cloth	ARIS Sugih Arto Kholil, HUSNIYYAH Ulfah Adaninnisa Mufsihah ACHMAD Chafidz
	Benzalkonium Chloride Effects on the Properties of Artificial Tears Based on Carboxymethylcellulose Polymer	Ban Jawad Kadhim, Hana Jawad Kadhim, Nabeelah Mohamed Shahata, Auda Jabbar Braihi, Nabeel Hasan Al-Mutairi
	Synthesis and studying induction heating of Mn _{1-x} Zn _x Fe ₂ O ₄ (x=0-0.5) magnetic nanoparticles for hyperthermia treatments	Hussein. S.M, T. H. MUBARAK, S. M. ALI RIDHA, J. AL-ZANGANAWEE
	Production of Briquettes from a Blend of HDPE (High Density Polyethylene) Plastic Wastes and Teak (Tectona grandis linn. f) Sawdust Using Different Natural Adhesives as the Binder	Faisal Rmlvin Ardiani, Via Khoiriyah Achmad Chafidz
	Utilization of Old Coconut (Cocos nucifera) Husk Waste as Potential Source of Natural Dye and Its Dyeing Properties on Cotton Cloth	Aris Sugih Arto Kholil, Husniyyah Ulfah Adani, Annisa' Mufsihah, Achmad Chafidz