



ICONETECH-2020 VIRTUAL PRESENTATION SCHEDULE

Note to International Presenters: Presentations are Scheduled as per the
Time Zone: La Paz (GMT – 4:00)

MONDAY JUNE 1st, 2020 SESSION 1

Moderators: Professor Raffie Hosein & Dr. Dhurjati Chakrabarti

Ref No	Scheduled Time	Authors	Title	Presenter (Presentation Type)
	8:15 am – 8:45 am	Preliminary Technical Checks		
	8:45 am – 9:00 am	Opening Remarks		
A08	9:00 am – 9:15 am	D.P. Sharma, D. Ramganase, R. Ramoutar, J.M. Intosh-Abdool, A. Bleasdel and J. Rooplal	MICROBIAL FUEL CELL: AN ALTERNATIVE ENERGY SOURCE FOR THE CARIBBEAN	Roshan Ramoutar (Live)
E37	9:15 am – 9:30 am	Shashvat Agarwal, R. Tejdeep Reddy, Saurav Sameer Sahu and Srihari Dodla,	MICROSTRUCTURAL CHARACTERISATION FOR POLYCRYSTALLINE NICKEL	Srihari Dodla (Live)
B32	9:30 am – 9:45 am	Srinivas Tanuku, Prof. K. Rama Mohana Rao, and Pandu Rangarao	COMPARATIVE STUDY ON ANALYSIS OF TELECOM TOWERS USING INDIA AND AMERICAN STANDARDS	Srinivas Tanuku (Pre-recorded)
E05	9:45 am – 10:00 am	V.G. Naidu and P. Kanakadurga Devi	COMPUTATION OF ONE DIMENSIONAL ONE PHASE STEFAN PROBLEMS	V.G. Naidu (Live)
A14	10:00 am – 10:15 am	Thérèse G. Lee Chan, Venessa K.K. Bhagwat and David A. Janes	DEVELOPING NETWORK MODELS OF INDUSTRIAL SYMBIOSIS	Therese Lee Chan (Pre-recorded)
B29	10:15 am – 10:30 am	Portia Felix	THE UNDERWATER TRAJECTORY BEHAVIOUR OF HEAVY OILJET IN CROSS-FLOW FROM A BROKEN SURFACE PIPELINE	Portia Felix (Live)
A10	10:30 am – 10:45 am	Saheeda Mujaffar and Tsai-Ann Dipnarine	THE PRODUCTION OF A DRIED AVOCADO (PERSEA AMERICANA) POWDER	Saheeda Mujaffar (Pre-recorded)
A13	10:45 am – 11:00 am	Aatma Maharajh, Prakash Persad, Denver Cheddie and Edward Cumberbatch	TWO-DIMENSIONAL MATHEMATICAL MODEL OF FLOWS IN THIN FILM COMPOSITE MEMBRANES	Aatma Maharaj (Live)
A23	11:00 am – 11:15 am	Elena Meretskaya and Dmitry Eskin	MODELING TURBULENT BUBBLY FLOW IN A HORIZONTAL PIPELINE	Dmitry Eskin (Pre-recorded)
A16	11:15 am – 11:30 am	Duraisamy Saravanakumar, Marisa Khan and Augustus Thomas	MICROBIAL DEPENDENT BIORESOURCE TECHNOLOGY FOR SUSTAINABLE VEGETABLE PRODUCTION	Marisa Khan (Live)
A12	11:30 am – 11:45 am	Saheeda Mujaffar and Amanda Lalla	DRYING BEHAVIOUR OF CASSAVA (MANIHOT ESCULENTA) CHIPS	Saheeda Mujaffar (Pre-recorded)
B35	11:45 am – 12:00 pm	Safiyyah Wahid, Rean Maharaj, Donnie Boodlal, and Jeffrey Smith	PROCESS OPTIMIZATION FOR THE PRODUCTION OF ACTIVATED CARBON USING WASTE COCONUT SHELL IN TRINIDAD & TOBAGO	Safiyyah Wahid (Live)

MONDAY JUNE 1st, 2020 SESSION 2

Moderators: Professor Dmitry Eskin & Dr. Saheeda Mujaffar

	12:00 pm - 12:15 pm	Preliminary Technical Checks		
	12:15 pm – 12:30 pm	Opening Remarks		

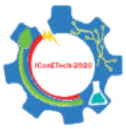


Ref No	Scheduled Time	Authors	Title	Presenter (Presentation Type)
A03	12:30 pm – 12:45 pm	Maltee R. Rampat, Marsha Singh and Neela Badrie	SHELF LIFE STUDY, SENSORY EVALUATION AND NUTRITIVE VALUE OF WHEAT FLOUR/ DASHEEN (COLOCASIA ESCULENTA (L.) SCHOTT) TARO/COCOYAM FLOUR SWEETBREAD	Maltee R. Rampat (Pre-recorded)
A17	12:45 pm – 1:00 pm	Sharad Maharaj, Marian Watson, David McGaw, Shivani Sonilal and Shawn Thomas	OPTIMISATION OF THE SUPERCRITICAL FLUID EXTRACTION OF EXTRACTS FROM VETIVER ROOTS	Sharad Maharaj (Pre-recorded)
F06	1:00 pm – 1:15 pm	Kishore Jhagroo	A GUIDE TO INCREASING EQUIPMENT RELIABILITY AND AVAILABILITY IN INDUSTRIES IN TRINIDAD	Kishore Jhagroo (Live)
B34	1:15 pm – 1:30 pm	Imran H.R. Khan, Daniel White and Jenelle Mieux	A SUSTAINABLE APPROACH TO THE CONSTRUCTION OF COASTAL FACILITIES THROUGH THE INCORPORATION OF BEACH SAND & BRACKISH WATER IN CONCRETE PRODUCTION	Imran Khan (Pre-recorded)
A09	1:30 pm – 1:45 pm	Akeem Mohammed, Arianne Rivers and Keeran Ward	EXTRACTION OF SODIUM ALGINATE FROM WASTE SARGASSUM: AN OPTIMIZATION APPROACH USING RESPONSE SURFACE METHODOLOGY	Akeem Mohammed (Pre-recorded)
A07	1:45 pm – 2:00 pm	Maya A. Phillips, Neela Badrie and Marsha Singh	THE NATIONAL FOOD CONTROL SYSTEM IN GUYANA: EVALUATION OF THE CURRENT REGULATORY FRAMEWORK FOR FOOD CONTROL	Maya A. Phillips (Pre-recorded)
A19	2:00 pm – 2:15 pm	J. Balkissoon, S.R. Gunakala, V.M. Job	UNSTEADY MHD POISEUILLE FLOW THROUGH A POROUS CHANNEL UNDER AN OSCILLATING PRESSURE GRADIENT AND UNIFORM SUCTION AND INJECTION	Judith Balkissoon (Live)
A20	2:15 pm – 2:30 pm	J. Veronique, S.R. Gunakala and V.M. Job	UNSTEADY HYDROMAGNETIC COUETTE FLOW UNDER AN OSCILLATING PRESSURE GRADIENT AND UNIFORM SUCTION AND INJECTION	Jennilee Veronique (Pre-recorded)
E38	2:30 pm – 2:45 pm	Sennen Matabadal and Delon Thompson	THE DEVELOPMENT AND APPLICATION OF ENERGY AND EXERGY THERMODYNAMIC PERFORMANCE PARAMETERS TO DETERMINE DEGRADATION OF THE MAJOR COMPONENTS OF A COMBINED CYCLE POWER PLANT	Sennen Matabadal/ Delon Thompson (Live)
A04	2:45 pm – 3:00 pm	Laura Edwards, Dhurjati and Prasad Chakrabarti	PHASE INVERSION AND VISCOSITY IN PIPE FLOW	Laura Edwards (Pre-recorded)
A21	3:00 pm – 3:15 pm	Quamie N. Mortley and Winston A. Mellowes	COMBINED HEAT AND POWER (CHP) SYSTEM OPTIMIZATION USING ENERGY, EXERGY AND THERMODYNAMIC ANALYSIS ALUMINA REFINERY POWER PLANT OPTIMIZATION – TWO CASE STUDIES	Quamie Mortley
A18	3:15 pm – 3:30 pm	S. Wright, W. Aiken, M. Adeyeye, O. Sadik and H. Asemota	BIOENGINEERING OF A JAMAICAN PLANT TO EFFECT CELL CYCLE ARREST IN PROSTATE CANCER	Sasha-Gay Wright



The International Conference on Emerging Trends in Engineering and Technology (*IConETech-2020*)
Faculty of Engineering, The UWI, St. Augustine | June 1st – 5th, 2020

			CELLS AND ITS POTENTIAL USE IN GREEN NANOPARTICLES SYNTHESIS.	
A22	3:30 pm – 3:45 pm	Quamie N. Mortley and Winston A. Mellows	INDUSTRIAL RECYCLE TOWARDS ZERO DISCHARGE ALUMINA REFINERY CASE STUDY	Quamie Mortley
	3:45 pm	Closing		



TUESDAY JUNE 2nd, 2020 SESSION 1

Moderators: Dr. Trevor Townsend & Dr. Lee Leon

Ref No	8:15 am – 8:45 am	Preliminary Technical Checks		
	8:45 am – 9:00 am	Opening Remarks		
Scheduled Time	Authors	Title	Presenter (Presentation Type)	
B33	9:00 am – 9:15 am	Roshan Patel and Derek Outridge	MITIGATING CONTRACTOR PROBLEMS EXPERIENCED IN THE CONSTRUCTION INDUSTRY OF TRINIDAD AND TOBAGO	Derek Outridge (Live)
B05	9:15 am – 9:30 am	Anton Ali and Deborah Villarroel-Lamb	ON THE FORCHHEIMER COEFFICIENTS	Anton Ali (Pre-recorded)
B11	9:30 am – 9:45 am	Davatee Maharaj and Abrahams Mwasha	DEVELOPMENT OF ATTENUATED ENERGY SPECTRUMS AT X-RAY ENERGIES OF 60KEV AND 150KEV	Davatee Maharaj (Live)
B06	9:45 am – 10:00 am	Anton Ali and Deborah Villarroel-Lamb	A SWASH-ZONE SEAWARD BOUNDARY CONDITION FOR IMPERMEABLE BEACHES	Anton Ali (Pre-recorded)
E44	10:00 am – 10:15 am	Aparna Chandramouli, Mahmood Al Bashir and Rajeev Nair	SINTERING OF MONOLAYERED STAINLESS STEEL (316L) PARTICLES FOR THERMAL MANAGEMENT APPLICATIONS USING PULSED CO ₂ MICROSECOND LASER	Aparna Chandramouli (Live)
E43	10:15 am – 10:30 am	Aneesha Gogineni and T.S. Ravigururajan	OPTIMUM DESIGN FOR CARTRIDGE FILTER CLEANING SYSTEMS	Aneesha Gogineni (Pre-recorded)
E01	10:30 am – 10:45 am	S Arokya Agustin, C. Shrivankumar and T. V. V. L. N. Rao	LOAD CAPACITY OF RECESS FOIL JOURNAL BEARING	S Arokya Agustin (Live)
B23	10:45 am – 11:00 am	Amrita Baal and Derek Outridge	SUBSIDIARY PROJECT PLAN REQUIREMENTS FOR PUBLIC CONSTRUCTION PROJECTS IN TRINIDAD AND TOBAGO	Amrita Baal (Pre-recorded)
B14	11:00 am – 11:15 am	Rae J. Furlonge	TOWARDS AN OPTIMAL ROAD ACCESS FOR UWI ST. AUGUSTINE SOUTH GATE	Rae J. Furlonge (Live)
B30	11:15 am – 11:30 am	Leah Wright and Trevor Townsend	SOCIODEMOGRAPHIC CHARACTERISTICS AS IT RELATES TO TRAVEL BEHAVIOUR IN SIDS: A CASE STUDY IN TRINIDAD	Leah Wright (Live)
B21	11:30 am – 11:45 am	B. Pandu Ranga Rao, Prof. K. Rama Mohana Rao and Srinivas Tanuku	BEHAVIOUR OF HIGH PERFORMANCE FIBER REINFORCED CONCRETE BEAM JOINTS UNDER SEISMIC LOADING	B. Pandu Ranga Rao (Pre-recorded)
B24	11:45 am – 12:00 pm	Leah Wright and Trevor Townsend	MODE CHOICE MODELLING OF PARATRANSIT MODES IN TRINIDAD	Leah Wright (Live)

TUESDAY JUNE 2nd, 2020 SESSION 2

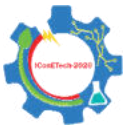
Moderators: Professor Indrajit Ray & Dr. Charmaine O'Brien-Delpesh

Ref No	12:00 pm – 12:15 pm	Preliminary Technical Checks		
	12:15 pm – 12:30 pm	Opening Remarks		
Scheduled Time	Authors	Title	Presenter (Presentation Type)	
B08	12:30 pm – 12:45 pm	Rekha Rampit, Jovanca Smith and Indrajit Ray	A REVIEW OF RECYCLED CONCRETE AGGREGATES AS A	Rekha Rampit (Live)



The International Conference on Emerging Trends in Engineering and Technology (IConETech-2020)
Faculty of Engineering, The UWI, St. Augustine | June 1st – 5th, 2020

			SUSTAINABLE CONSTRUCTION MATERIAL	
B03	12.45 pm – 1:00 pm	Kohan Dolcy and Trevor Townsend	TRANSPORTATION SUSTAINABILITY FRAMEWORK	Kohan Dolcy (Pre-recorded)
B04	1.00 pm – 1:15 pm	Jevan Stephen and Trevor Townsend	THE RELATIONSHIP BETWEEN VALUE OF TRAVEL TIME AND WAGE RATE IN TRINIDAD AND TOBAGO	Jevan Stephen (Live)
B10	1.15 pm – 1:30 pm	Katherine Agong, Debra Bartholomew and Dawn Goddard-Eckrich	REDUCING CHRONIC DISEASE THROUGH TRANSPORTATION AND BUILT ENVIRONMENT IN HIGH CRIME COUNTRIES: A REVIEW OF THE LITERATURE	Katherine Agong (Pre-recorded)
B20	1.30 pm – 1:45 pm	Shani Brathwaite and Deborah Villarroel-Lamb	EVALUATION OF WAVE RUN-UP PREDICTIONS FROM PARAMETRIC MODELS ON TRINIDAD BEACHES	Shani Brathwaite (Live)
B43	1.45 pm – 2:00 pm	Buari T.A., Olutoge F.A. and Ayininuola G. M.	RELATIONSHIP BETWEEN COMPRESSIVE STRENGTH AND MODULUS OF ELASTICITY OF SELF CONSOLIDATING HIGH PERFORMANCE CONCRETES (SCHPCS) INCORPORATING GSA AS SCM	T.A. Buari (Pre-recorded)
B01	2.00 pm – 2:15 pm	Adelino Ferreira and Francisco Duarte	PAVENEGY RESEARCH PROJECT - RESULTS ALREADY ACHIEVED AND NEW DEVELOPMENTS PLANNED FOR THE NEXT YEARS	Adelino Ferreira (Live)
D10	2.15 pm – 2:30 pm	Charisse Griffith-Charles	EXPLORATION OF ISSUES IN 3D CADASTRES FOR TRINIDAD AND TOBAGO	Charisse Griffith-Charles (Pre-recorded)
C20	2.30 pm – 2:45 pm	Kolapo S. Alli and Latchman H.	METHODS OF SOLVING MULTI-AREA ECONOMIC DISPATCH PROBLEMS- A SURVEY AND PROPOSED CANDIDATE SDP APPROACH	Kolapo S Alli (Live)
B26	2.45 pm – 3:00 pm	Olutoge, Festus Adeyemi and Ogundeji, Oluwaseun Damilare	RESIDUAL STRENGTH AND POST-CRACKING BEHAVIOUR OF GLASS WOOL FIBRE-REINFORCED CONCRETE EMBREDDED WITH STEEL REINFORCEMENT	Festus Olutoge (Pre-recorded)
B37	3.00 pm – 3:15 pm	Leighton A. Ellis	SUSTAINABLE CONSTRUCTION IN TRINIDAD & TOBAGO	Leighton A. Ellis (Live)
B41	3.15 pm – 3:30 pm	Omar S. Thomas, Georgeann Henry, Kordel Bishop, Kymani Francis and Ajene Binns	ALTERNATIVE FOUNDATION DESIGN FOR TEMPORARY HOUSING UNITS	Georgeann Henry (Pre-recorded)
B22	3.30 pm – 3:45 pm	Julia R. Kotzebue	LINKING SUSTAINABLE TRANSPORT AND COMMUNITY DEVELOPMENT TRANSPORTION 2.0 IN THE SMALL ISLAND TOBAGO	Julia Kotzebue (Live)
B27	3.45 pm – 4:00 pm	Laurence Bridgemohan	CONCEPTUAL FRAMEWORK FOR THE ANALYSIS OF DAMAGE IN FOAMED BITUMEN STABILISED MATERIALS	Laurence Bridgemohan (Live)
B17	4.00 pm – 4:15 pm	Lee P. Leon	AGGREGATE ANGULARITY EFEECTS ON MECHANICAL PROPERTIES OF ASPHALT CONCRETE	Lee Leon
	4.15pm		Closing	



WEDNESDAY JUNE 3rd, 2020 SESSION 1

Moderators: Dr. Sanjay Bahadoorsingh & Dr. Ruel Ellis

Ref No	8:15 am – 8:45 am	Preliminary Technical Checks		
	8:45 am – 9:00 am	Opening Remarks		
Ref No	Scheduled Time	Authors	Title	Presenter (Presentation Type)
C02	9:00 am – 9:15 am	Letetia M. Addison, Sanjay Bahadoorsingh, Govinda Hosein	GOODNESS OF FIT OF PROBABILISTIC MODELS FOR ELECTRIC VEHICLE CHARGING BEHAVIOUR	Letetia M. Addison (Live)
C03	9:15 am – 9:30 am	Aaron Roopnarine and Sean Rocke	SMART FARMING: ORGANIC COMMUNICATION CHANNELS(OCCS)	Aaron Roopnarine (Pre-recorded)
C04	9:30 am – 9:45 am	Arvid Ramdeane and Lloyd Lynch	LOW-COST SEISMIC DATA ACQUISITION SYSTEM BASED ON OPEN SOURCE HARDWARE AND SOFTWARE TOOLS	Arvid Ramdeane (Pre-recorded)
E41	9:45 am – 10:00 am	Stefan Harrison, Jainarine Bansee, Boppana Chowdary, Rajeev Seepersad and Dillon Frederick,	EXPLORING AUTOMATION STRATEGIES IN THE MAINTENANCE DEPARTMENT OF AN OIL COMPANY	Stefan Harrison (Live)
C18	10:00 am – 10:15 am	Gerardo Fernandez-Lopez, Ruel Ellis and Gerard Pounder	DESCRIPTION OF A SIMULATED ENVIRONMENT DEVELOPED FOR VALIDATING CFS AUTONOMY	Gerard Pounder (Pre-recorded)
C22	10:15 am – 10:30 am	Mickhal Polisher, Edward Cumberbatch, Aneil Ramkhalawan, Jorrel Bisnath and Aatma Maharajh	FEASIBILITY OF POWERING MANZANILLA VIA A WIND FARM	Mickhal Polisher (Pre-recorded)
C19	10:30 am – 10:45 am	Ruel Ellis, Gerardo, Fernandez-Lopez and Gerard Pounder	VALIDATION OF A SIMULATED ENVIRONMENT DEVELOPED FOR VALIDATING CFS AUTONOMY	Gerard Pounder (Pre-recorded)
E47	10:45 am – 11:00 am	Pawan Tyagi, Andrew C. Grizzle, Joshua Dillard and Giancarlo Dorazio	IMPROVEMENT OF SURFACE CHARACTERISTICS OF LASER SINTERED STAINLESS STEEL 316L BY NICKEL PLATING	Andrew C. Grizzle (Live)
E15	11:00 am – 11:15 am	P.S.R.K. Nageswara Rao, P. Usha Sri and K. Vizayakumar	MODELING A MANUFACTURING ENTERPRISE-A SYSTEMS APPROACH	PSRK Nageswara Rao (Pre-recorded)
E49	11:15 am – 11:30 am	Yemane Zewdu, Henok Tasissa, Brandon Botchway, Kedamawi Muluaem, Hiwot Gezahegn, Tadele Lamma, Alpha Amadou Diallo, Thabet Kacem and Nian Zhang	EAGLEEYE: NEVER LOSE ANYTHING AT HOME AGAIN	Yemane Zewdu (Live)
C10	11:30 am – 11:45 am	Sahil Ramlogan and Akash Pooransingh	SEMI-AUTOMATED CRICKET BROADCAST HIGHLIGHT GENERATION	Sahil Ramlogan (Pre-recorded)
C12	11:45 am – 12 pm	Arti K. Ramdhanie	MACHINE LEARNING TECHNIQUES FOR THE DETECTION OF UNFAIR PRICING IN SUPERMARKETS ACROSS TRINIDAD AND TOBAGO	Arti K. Ramdhanie (Pre-recorded)

WEDNESDAY JUNE 3rd, 2020 SESSION 2

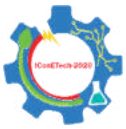
Moderators: Dr. Graham King & Dr. Akash Pooransingh

	12:00 pm – 12:15 pm	Preliminary Technical Checks		
	12:15 pm – 12:30 pm	Opening Remarks		



The International Conference on Emerging Trends in Engineering and Technology (IconETech-2020)
Faculty of Engineering, The UWI, St. Augustine | June 1st – 5th, 2020

Ref No	Scheduled Time	Authors	Title	Presenter (Presentation Type)
C05	12:30 pm – 12:45 pm	Sterling Ramroach, Ajay Joshi and Jonathan Herbert	CUDA-ACCELERATED FEATURE SELECTION	Jonathan Herbert (Live)
E10	12:45 pm – 1:00 pm	Peter Poon Chong and Terrence R.M. Lalla	APPLYING FUZZY QFD MCDM TO EVALUATE MUSICAL INSTRUMENTS	Peter Poon Chong (Pre-recorded)
C08	1:00 pm – 1:15 pm	Manoj Kollam and Ajay Joshi	A MACHINE LEARNING MODEL FOR AN EARTHQUAKE FORECASTING USING PARALLEL PROCESSING	Manoj Kollam (Pre-recorded)
E08	1:15 pm – 1:30 pm	Umesh Persad, Keivi Howard and Jorrel Bisnath	THE ROLL-UP DIGITAL STEEL PAN	Umesh Persad (Live)
B40	1:30 pm – 1:45 pm	Bhpendra S. Maharaj and Graham King	A REAL-WORLD ENERGY AND COST COMPARISON BETWEEN AN ELECTRIC VEHICLE AND A PETROL VEHICLE IN THE TRINIDAD AND TOBAGO CONTEXT	Bhpendra Maharaj (Pre-recorded)
C14	1:45 pm – 2:00 pm	Peter Poon Chong and Terrence R.M. Lalla	A REVIEW OF BIAS IN DECISION-MAKING MODELS	Peter Poon Chong (Pre-recorded)
C16	2:00 pm – 2:15 pm	Jason R. Rameshwar and Graham S. King	CASE STUDIES IN ENGINEERING AND TECHNOLOGY INNOVATION IN THE CARIBBEAN: A FOCUS ON EDUCOLCOM AND BEVCOM	Jason Rameshwar (Live)
C13	2:15 pm – 2:30 pm	Amir Mohammed, Craig Ramlal, Sean Rocke, Arvind Singh and Daniel Goitia	A SIMULATION FRAMEWORK FOR CRITICAL INFRASTRUCTURES SUBJECT TO NATURAL DISASTERS	Amir Mohammed (Pre-recorded)
E40	2:30 pm – 2:45 pm	Nadine Sangster, Edward Cumberbatch, Aneil Ramkhalawan, Aatma Maharajh, Jorrel Bisnath, Ronnie Bickramdass, David Edwards and Prakash Persad	SMART IRRIGATION ESTIMATOR	Aneil Ramkhalawan (Live)
B02	2:45 pm – 3:00 pm	Kohan Dolcy and Trevor Townsend	ADOPTION AND DEVELOPMENT OF ALTERNATIVE FUEL VEHICLES IN TRINIDAD AND TOBAGO	Kohan Dolcy (Pre-recorded)
C24	3:00 pm – 3:15 pm	Aaron Ameerali, Nadine Sangster and Gerard Ragbir	AUTONOMOUS DETECTION OF VEHICULAR WHEEL ALIGNMENT PARAMETERS	Gerard Ragbir (Pre-recorded)
C06	3:15 pm – 3:30 pm	Ajani Ausaru and Nagarani Ponakala	Dispersion of a Solute in Casson Fluid Flow under the Influence of External Body Acceleration	Ajani Ausaru (Live)
C09	3:30 pm – 3:45pm	Stefan Boodoo and Ajay Joshi	DEVELOPING PARALLEL COMPUTING ALGORITHMS USING GPU'S TO DETERMINE OIL AND GAS RESERVES PRESENTED IN THE UPSTREAM (EXPLORATION) SECTOR	Stefan Boodoo (Pre-recorded)
C11	3:45 pm – 4:00 pm	Tracy Aleong and Kit Fai Pun	RFID TAGS USED IN PREVENTATIVE MAINTENANCE PROGRAM FOR MOTORS AND GENERATORS	Tracy Aleong (Live)
C21	4:00 pm – 4:15 pm	Jorrel Bisnath, Demseys Thielman, David Edwards and Aneil Ramkhalawan	AERIAL DRONE TO HARVEST MANGOES	David Edwards (Pre-recorded)
	4:15pm		Closing	



THURSDAY JUNE 4th, 2020 SESSION 1

Moderators: Dr. Jacqueline Bridge & Dr. Robert Birch

Ref No	8:15 am – 8:45 am	Preliminary Technical Checks		
	8:45 am – 9:00 am	Opening Remarks		
Ref No	Scheduled Time	Authors	Title	Presenter (Presentation Type)
E23	9:00 am – 9:15 am	M.G. Prasad and Chenhui Zhao	ACOUSTIC BLACK HOLE AS A STRUCTURAL DESIGN APPROACH TO VIBRATION AND NOISE CONTROL	Chenhui Zhao (Live)
E22	9:15 am – 9:30 am	N. Leela Prasad, P. Usha Sri and K. Vizayakumar	ANALYSIS OF NUCLEAR BASED ELECTRIC POWER GENERATION SYSTEM – AN LCA APPROACH	N. Leela Prasad (Live)
E09	9:30 am – 9:45 am	Johnny Tiu and Richard Bachoo	WAVE ANALYSIS OF A L-BEAM STRUCTURE WITH A BLOCKING MASS	Johnny Tiu (Pre-recorded)
E39	9:45 am – 10:00 am	Ronnie Bickramdass, Professor Prakash Persad, Dr Kelvin Loutan Jr. and Aaron Ameerali	EVALUATION OF A CRICKET BOWLING MACHINE WITH AN ARM AND HAND TO DELIVER THE BALL.	Ronnie Bickramdass (Live)
E02	10:00 am – 10:15 am	Nishkal George and Boppana V. Chowdary	DESIGN COMPLEXITY AS A DRIVER FOR ADDITIVE MANUFACTURING PROCESS IMPROVEMENT	Nishkal George (Pre-recorded)
E25	10:15 am – 10:30 am	Goldie Davis, Edwin Ekwue and Vincent Cooper	TESTING TYPES OF FABRIC TO BE USED FOR FILTERING TURBID WATER IN A TWO STAGE CROSS-FLOW FILTER	Goldie Davis (Live)
E24	10:30 am – 10:45 am	Ezekiel Yorke, Boppana V. Chowdary and Jainarine Bansee	A STUDY ON THE IMPROVEMENT OF A LOCAL BOTTLE MANUFACTURING OPERATION: DEPLOYMENT OF LEAN PRINCIPLES AND DISCRETE EVENT SIMULATION	Ezekiel Yorke (Pre-recorded)
E30	10:45 am – 11:00 am	Victor M. Job, Sreedhara Rao Gunakala, P.V.S.N. Murthy and R. Paneer Selvam	NUMERICAL STUDY OF MHD CONVECTIVE NANOFUID FLOWS WITHIN A CORRUGATED TRAPEZOIDAL ENCLOSURE	Victor M. Job (Live)
E26	11:00 am – 11:15 am	Kit Fai Pun and Cherisse S. Lashley	EXPLORING QUALITY MANAGEMENT PRACTICES AT THE MINISTRY OF EDUCATION, PORT OF SPAIN OFFICE	Cherisse S. Lashley (Pre-recorded)
E33	11:15 am – 11:30 am	P. Sreenivasulu, S.R. Gunakala, T. Poornima, N. Bhaskar Reddy and V.M. Job	COMBINED EFFECTS OF INCLINED MAGNETIC FIELD AND NAVIER SLIP ON FREE CONVECTIVE AND RADIATIVE FLOW OF NANOFUIDS WITH IMBEDDED CARBON NANOTUBES: A LIE GROUP ANALYSIS	Victor Job (Live)
E17	11:30 am – 11:45 am	Sarah Rooplal and Boppana V. Chowdary	A FEASIBILITY STUDY FOR IMPLEMENTATION OF A SMART PARKING SYSTEM IN PORT OF SPAIN TRINIDAD AND TOBAGO	Sarah Rooplal (Pre-recorded)
E45	11:45 am – 12:00 pm	Arshad Mohammed and Boppana V. Chowdary	ANALYSIS OF THE CAUSE AND EFFECTS OF PART DEFECTS IN ABS SAMPLES MADE USING ADDITIVE MANUFACTURING	Arshad Mohammed (Live)



THURSDAY JUNE 4th, 2020 SESSION 2

Moderators: Dr. Terrence Lalla & Dr. Anthony Adeyanju

Ref No	12:00 pm – 12:15 pm	Preliminary Technical Checks		
	12:15 pm – 12:30 pm	Opening Remarks		
Scheduled Time	Authors	Title	Presenter (Presentation Type)	
E34	12:30 pm – 12:45 pm	Robert A. Birch, Jacqueline Bridge and Edwin Ekwue, Renee Regis, Shannon Steele and Brad Harris	CRACK PROPAGATION AND FRACTURE IN TWO TRINIDADIAN SOILS UNDER VARYING PEAT CONTENT DURING CONSTANT TENSILE TEST	Robert Birch (Live)
E04	12:45 pm – 1:00 pm	R. Bachoo and S. Balliram, J. Bridge	EXPERIMENTAL AND NUMERICAL VIBRATION ANALYSIS OF PRINTED CIRCUIT BOARDS	Shurland Balliram (Pre-recorded)
E42	1:00 pm – 1:15 pm	Raghu Echempati and Several Senior Undergraduate Capstone Course Students	CAPSTONE DESIGN PROJECTS: THEORY MEETS PRACTICE	Raghu Echempati (Live)
E35	1:15 pm – 1:30 pm	T. Dass, S.R. Gunakala and D.M.G. Comissiong	THE COMBINED EFFECT OF MAGNETIC FLUIDS WITH COUPLE STRESSES,	Tyrone Dass (Live)
E27	1:30 pm – 1:45 pm	Schuravi Mallian and Boppana V. Chowdary	MULTI-OPTIMIZATION OF EMPIRICAL MODELS FOR THE MATERIAL EXTRUSION PROCESS	Schuravi Mallian (Pre-recorded)
E32	1:45 pm – 2:00 pm	Alana Sankar, Sreedhara Rao Gunakala and Donna Comissiong	CONVECTIVE HEAT TRANSFER ON STENOSED BLOOD FLOW THROUGH PERMEABLE MICROCIRCULATION IN THE PRESENCE OF A MAGNETIC FIELD	Alana Sankar (Live)
E31	2:00 pm – 2:15 pm	Charles N. Roopa and Kishore Jhagroo	THE DESIGN OF AN ASSET INTEGRITY PROGRAM TO ADDRESS PIPING CORROSION UNDER INSULATION	Kishore Jhagroo
E03	2:15 pm – 2:30 pm	Nikolai Beharry and Boppana V. Chowdary	Investigating the Effects of Process Parameters on the Flexural Strength of 3D Printed Plastics	Nikolai Beharry (Pre-recorded)
E46	2:30 pm – 2:45 pm	Jeselle Gajadhar, Aneil Ramkhalawan and Jorrel Bisnath	A TIME STUDY OF THE PASTELLE MAKING PROCESS: AN INVESTIGATION AIMED	Jeselle Gajadhar (Pre-recorded)
E36	2:45 pm – 3:00 pm	Cilla Pemberton, Dana Basdeo, Dieubon Simelus, Renique Murray and Robert Birch	THE POTENTIAL FOR LEAN AGRIBUSINESS IN THE CARIBBEAN	Cilla Pemberton (Live)
E48	3:00 pm – 3:15 pm	Trishel Gokool and Boppana V. Chowdary	RELATIONSHIP BETWEEN ECONOMIC DIVERSIFICATION STRATEGIES AND EDUCATION: AN ANALYSIS OF EDUCATION POLICIES IN SMALL ISLAND NATIONS	Trishel Gokool (Poster: Pre-recorded)
F04	3:15 pm – 3:30 pm	Winston Suite	THE 5TH INDUSTRIAL REVOLUTION 2020 AND BEYOND OUR WILDEST IMAGINATION	Winston Suite
	3:30pm	Closing		



FRIDAY JUNE 5th, 2020 SESSION 1

Moderators: Professor Edwin Ekwue & Professor Kit Fai Pun

Ref No	8:15 am – 8:45 am	Preliminary Technical Checks		
	8:45 am – 9:00 am	Opening Remarks		
Scheduled Time	Authors	Title	Presenter (Presentation Type)	
D04	9:00 am – 9:15 am	Alassane Koné, Allyx Fontaine and Samira El Yacoubi	COUPLING CELLULAR AUTOMATA WITH MEDALUS ASSESSMENT FOR THE DESERTIFICATION ISSUE	Alassane Kone (Live)
F10	9:15 am – 9:30 am	Natalie Persadie, Nadine Sangster, Aneil Ramkhalawan, Aaron Ameerali, Dinesh Soodeen, and Aatma Maharajh	INTEGRATED APPROACH TO MASTERS PROGRAMME DELIVERY IN MANUFACTURING AND DESIGN ENGINEERING AT UTT	Dinesh Soodeen (Pre-recorded)
F12	9:30 am – 9:45 am	Ruel L.A. Ellis	STIMULATING REGIONAL ECONOMIC DEVELOPMENT: A CASE FOR INFORMAL SCIENCE EDUCATION	Ruel L.A. Ellis (Live)
B25	9:45 am – 10:00 am	Shawn Bissoon and Derek Outridge	THE IMPACT OF THE DELAYED PAYMENTS ON THE PLANNED CASH FLOW OF SMALL AND MEDIUM CONTRACTORS FOR A SPECIAL PURPOSE COMPANY	Shawn Bissoon (Pre-recorded)
F03	10:00 am - 10:15 am	Trishel Gokool and Boppana V. Chowdary	MANUFACTURING ENGINEERING EDUCATION IN TRINIDAD AND TOBAGO: REVIEW AND FUTURE RESEARCH AGENDA	Trishel Gokool (Pre-recorded)
B44	10:15 am – 10:30 am	Nadine Sangster, Jorrel Bisnath, Aatma Maharajh and Allen Sammy	INVESTIGATION OF THE WATERCOURSES AND MEASURES TO ALLEVIATE FLOODING IN THE PENAL/ DEBE REGION	Jorrel Bisnath (Live)
C17	10:30 am – 10:45 am	Osita Oputa and Arthur Ekwue	DESIGN OF A PROTECTIVE SYSTEM FOR OWERRI 160 MVA, 132/33KV SUBSTATION	Osita Oputa (Pre-recorded)
F13	10:45 am – 11:00 am	Janet Stewart	THE FUTURE OF LEARNING	Janet Stewart (Live)
F11	11:00 am – 11:15 am	Edwin I. Ekwue	QUALITY ASSURANCE AND ACCREDITATION OF ENGINEERING PROGRAMMES AT THE FACULTY OF ENGINEERING AT THE UNIVERSITY OF THE WEST INDIES, ST. AUGUSTINE CAMPUS, TRINIDAD	Edwin I. Ekwue (Live)
F02	11:15 am – 11:30 am	Trishel Gokool and Boppana V. Chowdary	SURVEY OF CURRENT TRENDS IN MANUFACTURING ENGINEERING POSTGRADUATE PROGRAMMES IN THE UK	Trishel Gokool (Pre-recorded)
F08	11:30 am – 11:45 am	Jorrel Bisnath, Aneil Ramkhalawan, Edward Cumberbatch, Prakash Persad, Aatma Maharajh, Natalie Persadie, Ronnie Bickramdass and Dinesh Soodeen David Edwards	EXPERIENCES OF USING A SINGLE ASSESSMENT FOR BOTH PRACTICAL PROTOTYPING SKILLS AND INTRODUCTION TO ENERGY ENGINEERING	Jorrel Bisnath (Live)
F09	11:45 am – 12:00 pm	Amrita Mahabir, Dinesh Soodeen and Natalie Persadie	EXAMINING THE PROCESSES OF NEW PRODUCT DEVELOPMENT AND INNOVATION: THE K. C. CONFECTIONERY CASE IN TRINIDAD AND TOBAGO	Amrita Mahabir (Pre-recorded)



FRIDAY JUNE 5th, 2020 SESSION 2

Moderators: Dr. Bheshem Ramlal & Dr. Charisse Griffith-Charles

Ref No	12:00 pm – 12:15 pm	Preliminary Technical Checks		
	12:15 pm – 12:30 pm	Opening Remarks		
Scheduled Time	Authors	Title	Presenter (Presentation Type)	
F05	12:30 pm – 12:45 pm	Alice O. Thomas-Martin and Ruel L.A. Ellis	TRANSFORMING THE DELIVERY OF CURRICULUM THROUGH MOBILE LEARNING	Alice O Thomas-Martin (Pre-recorded)
F01	12:45 pm – 1:00 pm	Roshnie Doon	RETURNS TO FIELD OF STUDY: A GENDER PERSPECTIVE	Roshnie Doon (Live)
E11	1:00 pm – 1:15 pm	Rukmini Srikant Revuru, Vamsi Krishna Pasam and Nageswara Rao Posinasetti	PERFORMANCE OF COATED CUTTING TOOLS IN MACHINING	Nageswara Rao Posinasetti (Pre-recorded)
E21	1:15 pm – 1:30 pm	Arshad Mohammed and Boppana V. Chowdary	COMPRESSIVE STRENGTH OPTIMIZATION USING IV-OPTIMAL DESIGN AND OPEN-SOURCE 3D PRINTER	Arshad Mohammed (Poster: Pre-recorded)
D05	1:30 pm – 1:45 pm	Keisha J. Gaspard-Chickoree	A GEOSPATIALLY DISTRIBUTED E-REFUGEE CAMP TECHNOLOGICAL FRAMEWORK FOR CARIBBEAN SMALL ISLAND STATES	Keisha Gaspard-Chickoree (Pre-recorded)
D09	1:45 pm – 2:00 pm	Turuna S. Seecharan	THE SUSTAINABLE IMPACT OF AGGRESSIVE DRIVING IN COLLEGE-AGED DRIVERS	Turuna S. Seecharan (Live)
D07	2:00 pm – 2:15 pm	Raid Al-Tahir and Travis Barran	EARTHWORK VOLUMETRICS WITH UNMANNED AERIAL VEHICLES: A COMPARATIVE STUDY	Raid Al-Tahir (Pre-recorded)
D03	2:15 pm – 2:30 pm	Michelle Mycoo	OPPORTUNITIES FOR TRANSFORMING INFORMAL SETTLEMENTS IN THE CARIBBEAN	Michelle Mycoo (Pre-recorded)
D08	2:30 pm – 2:45 pm	Tracey C.A. Beard	URBAN SUSTAINABILITY INDICATORS FOR CARIBBEAN SMALL ISLAND DEVELOPING STATES	Tracey C.A Beard (Pre-recorded)
D02	2:45 pm – 3:00 pm	Wayne Chaman Huggins	COMMUNITY BASED GOVERNANCE IN INFORMAL HOUSING & SETTLEMENTS IN LATIN AMERICA AND THE CARIBBEAN	Wayne Chaman Huggins (Live)
B38	3:00 pm – 3:15 pm	Leighton A. Ellis, Hector Martin and Marlon Charles	BIM IMPLEMENTATION IN THE PRACTICE OF ARCHITECTURE IN TRINIDAD AND TOBAGO	Marlon Charles (Live)
D11	3:15 pm – 3:30 pm	Tarick Hosein, Bheshem Ramlal, Lisa Kirton-Reed and Adrian Trotman	AN ANALYTICAL APPROACH TO GIS ANALYSIS AND MAP MAKING USING OPEN SOURCE SOFTWARE.	Tarick Hosein
F07	3:30 pm – 3:45 pm	Clément Imbert and Reynold John	TRANSITION FROM MASTER CRAFTSMAN TO ENGINEERING DEGREE	Clément Imbert
	3:45 pm	Closing		