e 2, 2019 (Sunday) 4:00 PM - 7:00 PM ne 3, 2019 (Monday) 8:00 AM - 4:00 PM					Conterence Registration (Ank C	Anti Chukna Engineering Building Anium) Nakna Engineering Building Anium) I Knees Can They Bearly (Non New Technologias)*				
30 AM - 9:30 AM E AM - 10:00 AM					Coffee Break (Anit Chakes	i Krees:: Can They Benefit from New Technologies:1* ew York University) s Engineering Building Antum)				
	Session A-1 (Advanced Manufacturing I) Room: ACEB 1410	Session B-1 (Advanced Energy Systems 8 Room ACEB 2460	Session C-1 (Biomechanics I) Room: SEB 1656	Session D-1 (Biomedical Engineering I) Room: SEB 1959	Session E-1 (Energy Materials I) Room ACER 1450	Session F-1 (Heat Transfer I) Roses: SSB 2019	Session G-1 (Fluid Mechanics I) Room SEB 2100	Session H-1 (Micro-Nano-Technologies I) Room: ACEB 2415	Session J-1 (Materials Engineering I) Room ACEB 1415	Session K-1 (Solid Mechanics I) Room ACEB 1420
100 AM - 10:20 AM	Laser Polishing and Structurile of Taoling and Functional Services (Paper Prosenting)	Thermodynamic Modeling and Optimization of Egustr Berligeration Systems Using Attendet+ Working Fulds Aggrey Meetige Rymono Usiversity: Andr Namas Rymono University: Sett Decolin Rymono Usiversity	Computational Modeling of Peacher Andre Euscheinson Basenchanice Jin Zhu (Uriensky of Omwei), New Doumit (Uniensky of Ottawai)	Multicale Fuid Flow Analysis of Decelhidarbod Mouse Langes Is Improve Long Raghermatics Elec. Charakie (University of Tournet), Buharamadai Mouse Charakie (University of Tournet), Charakie (University of Tournet), Tournet, Galana Konseli (University of Tournet), University of Tournet), Any Razylak (University of Tournet), Any Razylak (University of Tournet),	Phase Investion: A Universal Method to Crase High- Landing Porova Electrodes for Denry Boorage Devices. Xiade Yang (Western Linkenshy): Xiadeng San (Western Linkenshy)	Hear Flan Analysis of a Li-lion Cell during Charging and Beckneying Periods. Rea Rahan Siddiga (Usiventy of Galety); Shoth Hennud (Usivensity of Galety): A Norte Galety (Solarity of Galety); Bal'ton-Heyer (University of Galety)	Esperimental Studyon the Effects of Surface Hydrophobiolity on Frag Reduction in a Taylor Counter Flow Annad Austi-Mahamed (Menodal University), XII Duan (Menodal University), Yuri Marycka (Menodal university)	Development of BioMXDH12 25 Spread/anain Sensing Michanium Mohammat/Kippel (Jahamiy of Abarts), Anr Sabola (University of Abarts), Walind Mouasa (University of Abarts) (University of Abarts), Walind Mouasa (University of Abarts)	Nevel Welding Processes and Joint Evaluation Techniques in Pipeline Costmantion (Pipeline Tensontation) mm	Nodelling of Crange Recovery in Carbon Fiber Reinforce Polyper Comparises Spencer Catel (Menniky of Merkani); Paptron Aparam (University of Merkani)
20 AM - 10:40 AM	ywydda Prawstelion Grywni Rodathw (Motori Research Cource of Carabi)	Easing Analysis of Renewable Resources for Group Production in Renewa Communities Multi Nijewani (Liviensky di Window) of Window)	Computational Interestigation (and Marchine shit Lower Software for in the interesting) Candry Benersson (Lineary of Wassen Create), David Langrit (Lineary of Wassen Creating, Same Janos (Lineary of Wassen-Creating, Cantan King Gair Janaph's HealthCan)	30 Bio-Printing of Starch-Ohonan Scatthiats for Neuran Cells Haly Adar (University of Price Schart Island), Erna Natar (University of Price Schart Island), MacColaid Ohonah, of Price Schart Island, Nation Take (University of Price Schart Island), MacColaid Educat Island, University of Price	Suttis Solo-Stare Electrolys Protocian Layer In-Shu Formed on the Suttace of Manial Li Un Waly-Performance Li Bananie Janesen Ling (Weatern Userstei), Kasting Sun (Western Linestrol)	The logate of Easter Surface Connective Heat Transfer Coefficients on Migh-Fale Building Decay Connecytion Meeter Khain, Watern University Strate Connection (Present University: Paum Tark, Spitch Countin Industry Partnange)	Landow Boundary Layer Response to an legisles Excelling by a Spanialia Array of Passes Ansance Kasani Ahagin (Ku Sahamar), Fandal Isano, Data Usiwashigi, Philippe Lacele (Usiwash) of Torano)	Microbiols Of New Asymptotic Using Hydrobolic Obegalie Schlens Revi Manaton Tania Napyl (Shamby of Picca Scant Jane), Schlen Hill (Shamby Of Picca Schart Back), Bankfer Ubiently of Picca Schart Back, A Arnad (Liverthy of Picca Schart Back)	ywystate maantalian Addan Gerich (diniwndy of Wandoo)	Using Line/Herp Concrete as a Multi-Fonction Manofile E. Falmo (Polyanchogue Montelli), A Rose (Polyanchogue Montell, T. Lecomps (Universited Brenges Sur)
0-60 AM - 11:00 AM	koosatha Somojas ko Asassing As Marsingina Performansa af Optical 20 Samaras Fados Khanawalle (Pulyachnipa Monsia)	A Data-Oriven The real Panel Detection Method in Lithium- bandbard (Control Section 2014) Obstance Op Unionity of Oracia Institute of Technology; Notele In (Deleting of Oracia Institute of Technology) Heating Ling (Liversity of Oracia Institute of Technology)	Artificial Intelligent Exertination of DEA Intege Quality/or Automatic Fields Element Assessment of Hig Frazzes Rais Watch Yo, Dimensity of Modelad, Youhua Lao (University of Martino)	Carbon-based pH Biosenseer for Mochoring Infections Dogen Sizer (Western University) University)	Organicibergenic, Composite Electrolyte for Dendrie-Free Salid-Sane Libburg Baseries Hanyo Hao (Meson Liberalg), Kalalag San (Western Diskentity)	Experimental Investigation of a Loop Heat Pipe with a Two- Way Pressure Regulated Valve Homan Jacobindon (Carleton University) Tark Koya (Carleton University)	Elfect of Background Turbulance on the Evolution of and Entrainment into a Turbulance Art Rana Sandyon (MEGE) Usiventity	Design of a High Dancky HEAH Manchane-Rod based September Tara Annual (Johanni ya Wilsonic), Watananad Jaki Atamad (Uniwashy of Window), "Datapon Alixane (Uniwashy of Window)	Experies not Charten fortion of Anisotropic Resolution Properties of Exceeded MMR-5 Mathew Series (Series) of Visional Trains Resold (Statensing of Wission), John Regime Disantary of Wission Materia Ansate (Central MLLC)	Malecular Dynamics Simulations of Nanoinderstains - T Bites of Forus Field Chicks on the New School Bitanc Designe Post (Nanoinde), San Nakita (Nanoinde) Ukiwatiki
1:00 AM - 11:20 AM	Math Objective Optimization During Sumainshib Matchings of Different Accur Mennelat A state (Darine) of Ornais Instana and Tachrologi, A Higgs Dianethy of Ornais Instana of Tachrology, A Rahamaya (Daliwarity of Ornais Instana of Tachrology, Bahamaya (Daliwarity of Ornais Instana of Tachrology)	Garegy and Everyy Analysis of a Costelland Braycollithyston Power Cycles with Neurolification. Altosai Asker Neuro Units of Klopi Millary Callege of Canadaj Kati Gari Bosamu, Biojat Millary Callege of Canadaj	Ingari Latation Alforts Bruin and Nack Strain During Football Sport Keese Size (Viessen University): Hogis Mac (Viessen University)	Alteret Narochilds Device for Red-Time Microscopic Imaging of Device for Red-Time Microscopic Device Statistics (Section 2014), Section 2014 Device Users (Section), Section 2014 (Section 2014), University, Sitta Shidow, Water Downling, J. Algorith Bior Wester Users (Section), and Red (Section 2014), Wester Users (Section 2014), David Seldowshit, Microscopic (Wester Users), David Seldowshit (Section 2014), Taman Parago (Wester Users), Section 2014), Section 2014, Section 2014, S	Sobilitation of Solid-sam Electrolyn by Atonic Layer Sopadaton for High Partomano AN-addi-atas L-1 & Base Janneg Lang (Weaters University), Salang San (Weaters University)	Egyerinenal Investigation of Plase Change Material in Courses and Invest-Brand Thermal Energy Energy Media Pedian Analad Rytema University, Hop Royen Rytema University, Elson Sontraction, Rytema University, Royen University, Coved Satt (Capters Technologies)	CFD and CAA Analysis of the 50 YB2Y Advall for Leve Reputate Namber Flow Reputate Namber Flow Alson Zima (University of Vitandos), Canid Jonason (University of Wanetoo)	Exagentation of Single Calls with Solitics Methodylog (SelfRA) as Microfield Evidence initia a Gardine Flow with <i>Calledges</i> (University of Waterlog, Sanah Cano (Johanny of Waterlog) Calledges (Sanah Calledges) Calledge (Salaensky of Waterlog)	Fallers Clarasteritation of Meanly Dross-Robad Spray Perc 17 Fasting Pread Elizary Nemotal University: Sam Nakia (Nemotal University)	Nove Pogagation in Arbitraryi-Elando Marananedala wi Bood Bandgop Zhengwai Li(Zhinenhy di Adents), Haan Hu (Zhinenhy di Adents), Sacatag Wang (Shinenhy di Adents)
120 AM - 11x0 AM	Maching Studies on High Silices Commen A-Si Aloys for the Assesses tokentry Dowards A-Days Sports & Exchange Suprimery; Koro Owards A-Days Sports & Exchange Suprimery; Koro Suprame II (Carlo & Trichologie Suprimery); Karomat Janual Score in Technologie Suprimeri Suprimeri (Carlo & Strichologie Suprimeri Anna Score in Technologie Suprimeri	Numerical Modeling of Netical Steel Piles as in-Ground Heat Exchanges for Geosco-Gource Hart Pureps Sann Nichstan Djennas Livenshift, Aggey Meetige (Rywnas University, Sant Duorkin (Pyressa University)	Design of a 3D Printed Kose Wearable for Biomechanical Montaring of Locomezer, Achivies of Daily Living Casher Yang (Livienz) of Guelpi (Monie Olivier, Dir Gaelpi); Neuro Gastin (Livienzh) of Guelpi)	Design of a Custom Bioreactor for the Dynamic Culture of Pertured of the Labor, Aginums California (Harrison Dynamic Perturg Sinon Colin (Labornia Labor, Ando Bago, Poster Molecula Labor, Zude Facher Durams) Labor, Ando Bago, Poster Labor, Zude Facher Durams Labor, Anno Harrison (Labornia Labor, Anno Harrison (Labornia Labor), (Downsis Labor), Anno Harrison (Labornia Labor)	Opinising Process Transport Lager Structures for Polymer Executing Minimizes a Neurol Apple 1 Manage Notice and Processing American Structures Model Jamon Lane (Laiventry of Torons), Any Saugukis (Laiventry of Torons)	Characertados el Transiert Rew Velocifes During Mating el PCH in a Unitoroly Heard Circuite Carly Kyle Tasther (Hearen Licensky) Komas Soldyu (Hearen University)	Elinca of Accion Inspector Speed on Sale Nagaroon In Nighty Network and National Sale Using Control Heaver And Participation Sale Ferenance Software Jugetweeverse (Figuress Usinersky) Macellan (Pigeress Usinersky)	AQuantative Study of the Dynamic Response of Soft Tubling in a Microfulial Context for Presson-Orlean Rev Male Index (Diversity of Waterboy), on Halason (Diversity of Waterboy), Carolyn Rev (Diversity of Waterboy)	Falare Charaserbation of Heavily Cross-Felded Epory Per E Mathicade Modeling Rend Eludy Mencala University Can Nakela (Mencala University)	Nabisak Angele of Forcescoris Colluter Measurarie Jatas Dir (McGil Salama); Hard Maasadin (McGil Universit)
11:40 AM - 12:00 PM	Investigation of Hydrid M2L-Naos Fluid Parlommons When Matching Inseen 19 Kaper Alay Datal Charlan (Subser) of Gubyer, Radionen Taggar (Johannay of Gubyer), tamain Daalo (Johannay of Gubyer), Katali Johanni (Johannay of Parlo B) Lati, Johannay of Parlo B)	Economic Analysis of CHI Sci Li Hoyard Scher Hydrogen Energy Spraner with Charge Strong Anna Ginteley (Diversion College)	Using Kine matic Signals Features of Body-Worn Isorial Sensor For Temporal Kinetic Sensitian of Locandolas (University of Albants), Julia Mittalas (University of Albants), Hassels Routze's (University of Albants)	In Vitro Assessment of Arroad Delivery via the Spirion Respired shit Marchaeler Ung the OAMT'T Adaptor with Executed State (Cardina Alartina) Rym Marc (Cardino Liversch), Cardina Alartina, Canton University, Cignitica Ganto, Clavesch, (McMarc Marca Ganto, Clavesch, Cardina (McMarc Marca Ganto, Clavesch, Cardina)	High-Performans Al-Salid-State Li-Se and Li-Sedix Baseries Xaona Li (Vessen Li-Janib); Xualang Sun (Wester Ubaerb)	Inverse Heat Transfer Application in a Scaled Model of a Power Transference Live Tower Foundation Degine Zhang (Mennold university), 30 Date (Mennold University)	An Exact Solution to the 3D Nation-Stokes and Applications to the Rangue-Walch Venes Tube Nation Dysk (Western Lokenby), Ambry Smatthare (Western Lokenby)	Randing Jerawake Present Non-Arranhely Angelan Groupiges Dowerts University Rater Carphal (Dawerts University, Yang Jan Lai (Dawerts University	Diszone-Samer Modeling of Naze-like Meerials Statistical Workson, Koolhau Deformatione and Fostore Nejmul Xiol (McGil University), Fancols Bamber (McGil University)	Verification and Validation of a Fields Element Model for Service all Neuron Manufacture Contractions and Manufacture Contract Contract Contract Manufacture Contract Contract Networks Technology, Remon Proje Rev (Viewensh) of Control Institutes of Technology, Ghana Rair (Jalvensky of Control Institutes of Technology)
12.15 PM - 1.00 PM		I	I	I.	Lunch (Ank Chakma Engineering Building A	nium) and CSME Technical Committee Meetings				
1:00 PM - 2:00 PM 2:00 PM - 2:30 PM				PerarySecti		m Simulations and New Hypothesis for Tornado Formation and ensity of Misconsin(Engineering Building Anium)				
	Session A-2 (Additive Manufacturing I) Room ACEB 1410	Session B-2 (Advanced Energy Systems II) Room ACEB 2440	Session C-2 (Engineering Atalysis & Design) Room: SEB 1656	Session D-2 (Biomedical Engineering II) Room: SEB 1959	Session E-2 (Energy Materials II) Room ACEB 1450	Session F-2 (Fluid Mechanics II) Rosen: SSB 2019	Session G-2 (Fluid Mechanics II) Room SER2100	Session H-2 (Micro-Nanao-Technologies II) Room ACEB 2415	Session 3-2 (Materials Engineering II) Room ACEB 1415	Session K-2 (Solid Mechanics II) Room ACER 1420
230 PM-250 PM	Madi-Genera Sticing Approach for Innelligere Addition Manufacating Proposessing Data Boote (Johnson y of Omaio Instance of Technolog) Annual Boote (Johnson y of Omaio Instance of Technolog)	Neural Gas English Eriteric Hart Plang Gysten – A Cas Bachyll et Offen Sakalag Fachet Robert Schwarz, (Anna Kai (Penson University), Rass Kann Penson University), Anna'i Bi (Pyreson University), Rass Fag (Pyreson University), Anna'i Bi (Pyreson University), Rass Fag (Pyreson University)	Dynamic Analysis and Danigh Optimization of an Outdoor Research Matchine Victor Heat (University of Cheving, Sci. Learning as (University of Ottom)	Allovel Method to lograve Extinsion of Tissue Displacement Field in Utstaand Ekstography Natus Starinto (Wenne University, Al Sategrahan (Wit University), Mark Sanat (Wenne University)	Local and electronic structure study of black phonyberus 1992 202 Weban Li (Missen black), Mala Li (Meners Li honerus); Tau-Marg Stam (Messen: University), Nailing Sun (Messen: University)	Muhitiger Vacceptants Protei Toron to Anishy Resaring Pipes Separationanana Taplana (paramani kanan), Sera Lyu (kalwanti kana)	PV Analysis of Flow Ansund a Simplified Ship Sud Amria Flag (channe) of Manifacti, Galatan Norming-Kashyo (Memote Liowesty: Xingan Rang University of Manifacti, Manifacting (channes) of Manifacti,	Guardifying the forbance of Strain Engineering on Parameteristicity Using a Sile Elements Serving Rounts Are Falabatis (University of Alexan), University of Alexan (University of Alexan), University of Alexan (University of Alexan), University of Alexan)	Molasure Effect on Mechanical Performance of Gerel- Austiceve Compacies Manifal at Efformat Void Level Anto Response Concernis University: Hand Higas (Concernis University)	A New Actionship: Elastic Metamaterial (Keynate Personandian) Xadarag (Metama)
250 PM - 310 PM	Propuesto ana Qualanaga de Alado comenta Bencindo de Car de Nacial Pinneta Amero Neve Ergel Rochener Indua de Tachologo-Dual Compani, Essan El Sance Pinnetane Indua de Tachologo- Dual Campal, Rasso Neve de Nocimiesto Dual Campal, Rasso Neve de Nocimiesto Tachologo-Dual Sance Pinnetane Entretano de Campana de Campana Linevento de Danagati	Stating, Modeling and Analysis of a Solar Seasonal Dengy Searcys System for Space Heating in New Foundard Robuss Status (Mancald Liberack); Hobber Schaman (Mancald Liberack); Tang Igar Mancald Liberack) (Mancald Liberack); Tang Igar Mancald Liberack)	Experimental and Numerical Hodeling of a One-Degree of Presiden Num Grand Michanical Spann Property of the State of the State of the State Property Restance, Dar Patter Property Americal Asian Basaly (Property America)	Modeling of Rewindsond Shear Stream to Predict Targend Delaway of Cabin in the Decalitational Lange Janua Chau, Johanney Jan Vissong, Eric Chabarah yul Januar Januar Januar Januar Januar Januar Januar Dibharah yul Taronza, Danid Sheare, Juharah yul Taronza, Catrian Annai, Shearah yu Taronza, Tanana Yudaddi (Johareshy al Taronza), Anny Bauyiak (Johareshy of Taronza)	Pi Single Aram The citro catalysis by Aramit Layer Departicles for Fuel Call Related Catalysis reactions La Zhang (Wenner Löweith); Xuelang Sun (Western Catalenth)	August Ratio Effects on Turtulent Flow even Fairward- Backane d'Acida phops Heart Course (Annuel Annuel Ann	Three-Olivensional Characterization of Burning and Sweeping Phenomena in the Tutakert Boundary Layer Kadnes: Dennis (Maxim Usiental): Kanan Siddqui (Maxim Usiental)	Quantitative Antippi and Productive Engineering of Self- nating of Nancementanes. Jan Song (McGil University)	On the forbance of the Environmental Patters on Controllera Bahavior of the Stabilized Bahaviora Sheet Using Ban- Controllera Bahaviora (Menoral University), Sain Stabil (Menoral University), All Nasis (Menoral University)	
210 PM - 320 PM	20 Printed Metamaterials of DashNegative Painsoft Refit Behavious Induced by Mitararchical Architecture Junines Sca (Nesam Usikensh); Dougsig Zhang (Nesam Usikensh)	Investigating a hit para figury Olivanni kola tekä kei kysina Gauty sensi (OTHO) Causani kola tekä Tanparaava Yukisko Maaareenet Karoo Kar	Especiesztal Massure-merts of Thermal Distribution of Bith Drive Spears: Application to Walks Front Espise Magnen Lie (University of Toronto, Kennen Bahdran (Lielwensty of Toronto)	Prostheric Fact Derige – A Singelfied Analysis Approach Degeneric Galaxie (Man-vell University, San Valla (Manori University): Alten Dubraveli (Manorii University)	3D-Private Studier Califords for Libbon Staffe Baracrine Radje Gas (Weeners Libborring): Justing Sur (Weaner Libborring)	Experimental Measurements of Cough Arthow in the Func- Table 1. A Measure of Wearem University 2. Exemp (Wearem University) 2. Materials (during/coas Research Institute)	Wessering Oppanis Contact Augles of a Droples on Included Hydropaciel Sertans with Inspatri Roughness Keel Sti (Menaziel/Jonenity, XI Dan (Menaziel/Jonenity, Koste Polasia (Menaziel/Jonenity)	Electrodatesiles Cartico Naconda Surfaces Monte Gostier (Herem Silverka); Charghrog Cia- Binaccharane Intel and Tachologi (System Supplem Manacharane Intel and Tachologi (System Supplem Manacharane Intel and Cartologi (System Montania Manacharane Intel and Cartologi (System Montania Hart (Masacharane Intel and Tachologi (System) Hart (Masacharane Intelline of Tachologi (System)	Impact of Files Madification on the Properties of Matural Files Comparison Based Specificationary of Oracio Instanta of Technology: Datam (Liviensky of Oracio Instanta of Technology) Chang Inter (Liviensky of Oracio Instanta of Technology) Ber (Liviensky of Oracio Instante of Technology)	Mariputating the Architecture of Bears for High Teophones and Soreigh Nomed Dates (McGil University University)
3:30 PM - 3:50 PM	Topplage Optimization for Layered Manerial David Poper (University of Tournet, Colig Daviers) (University of Tournet	Utilizing dechemal Looping for Thermal Regulation of an Reputation Pand Michael Katal (Katalan) Declara (Hensen Utiliansk), Karan Siddiga (Wenen Utiliansk)	The Motion of a Curling Rock Predictions using los Topagraphy Magas Galador (Wastern University) University()	Baschlei Ficht Banner Andych of Prosthetic Foot Anande Rickett (Menorie University) Can Italia (Menorie University)	Nevel Cell Certiguzations for High-Performance Separade Ne-0, Batteries Xioxing Lin (Western Linkenby), Xuelang Sun (Hestern Utilianthy)	On the Aerodynamic Performance of Tail Devices for Drag Beatchine of Real Heavy Velicias Market Statement (Second Statement) (Filt Tacket (Laterest), Neurodo Cenny (Classes LLC); Kell Lie (Laterest)	Durcy's Law for Maving Packed Beds Parto kaza (phienthy of Torons); Nerkia Busenane (Livienshy of Torons); Dayber Withdair (phienthy of Cathoria at Davin)	ANzvel Continueus Electrogenesis (PEEblon Sepantion Technique Jotf Famesa (Jainesty of Waterbai)	Thermel and Dynamic Mechanial Analysis of Bischar Filled Glassifian Yodyner Campania and Interpret Par Polynee Raj Chele (University of Camping: Shine Amana (University of Prices Edward Island)	Development of Composent Test for Mancroach Rood Emergency Edit under Rollower Conditions Partic Danings (Deleventy of Machine), Amor Kannettor (Laiventy of Mancael, gar Teleber (Deleventy of Mancael Laiventy of Mancael, gar Teleber (Deleventy of Mancael
250 PM-410 PM	Anisotropy in Mechanical Properties of a Wes Arc Additive Manufacture I are Cartion Low May Seal Many Cardial (Mercula University): Areas should Nenear Anisotropy (Mercula University) Ad Neuk (Neneard University)	The Effect of Couple Lapore on Thermolectric Generator Performance XV Wing (Determine) of Window; Parl Heather (Science); of Window; Dakid Ting (University of Window)	An Experimental Cooling Tower Model for Performance Control Cooling Tower Model for Performance (Control Cooling Tower) (Control Cooling Tower) Alterity, Marcin Dyne, Skinenby of Alternity, Bast Modern (International Cooling Tower)	Affeet Agenuals of Producing Deep Brote Response Following Transmits Braha highry Yani Levy (Mexam Likiwshig), Yawai Bao, (Mexam Likiwshig), Huija Mao (Mexam Likiwshig)	Investigation, the integers of Tax-Stream Science Taylor Branch Roulevolution is the MSE Faul Cell Catching and the Difference Learner on Natar Taylory of Taylor Catching and Catching and Spatiatorea X-ray Radiography New Gal Modeling and Spatiatorea X-ray Radiography New Gal Modeling (Tarong, Panag General, Modeling of Tarona), Any Rangdal, Schlemany of Tarona)	Developing News Accurate Modinit of Tomaton through Comparations Analysis of the Tomaton Word Fields Produced by Simulated Suparcell Events University: Leap-Off (University of Wisconse-Medicor)	Perfectly Subcritical Gravity Contests: Likerizary and Numerical Dipoletical Sectory Contests and Sector Solution Michel Baler (Dolawity) of Reinst (Main Type (Dolawity of Reinsteig Mains Upper), Tachton – Inail Hathan of Technology	When Norodhen to Ministra and Islamoth Mydcadnas A.K. HOMy (Neurolini Liniumski), M. Midney (Neurolini Liniumski), M. Sand Jikanada Ushanski, S. Shenishi Jikanada Ushanskyi, M. Harun (Neurolini Ushanski) (Neurolini Ushanskyi, M. Harun (Neurolini Ushanski)	Indexece of Serveyth and Trapping Characteristics on Marriel Serveythinky is higher Characteristics on (Ho- man of Carafornia Investigations and Patha Enerote Angean (FKA) Table Das Michael (Marchael Characteristic) Jan Gorg (Michael University) (MCGI University)	Elliver of Monthew Masseld Vaccelly on the Dynamic Parlomance of Diskolarit Elastaner Coollaters Vanpaig Li (Westen Jahrenby), Ligit Jang (Westen Linkenby)
630 PM - 630 PM	Poo-Priolog Hast Transver of a Wei Ar Addhvely Manufacturel Law Cattion Low May Shall Alaza Valuel Namari (Manufa Lownsky, Holys G Andr Manual Valuel Namari (Manufa Lownsky, Holys G Andr Albert (Manufa Lownsky) Albert (Manufa Lownsky)	Design and Modeling of IRIF Impact Base Frequency Design and Modeling of IRIF Impact Base Frequency Design and Design and Design and Design and Design and Design Heart Angele Datasets of Ontoxin training of Technology, Heart Agele Dataset (Answert) Technology, Update Johan (Answert University of Technology, Update Johan (Answert University of Technology)	Review and Data Consolitation of Ranges Hitch Vorse Take Main Parker (Weenen Linkersky), Antony Emannen (Weenen Linkersky)	A New Way to Link Ashnal Hand Kleenarics to Human Hand Motion Librog Le (Western Distinctly); Keesk Bain (Maram Daharaby); Hoğa Mao (Mestern Daharaby)	Highly Efficient Protection by Atonic Layer Deposition/Molic calar Layer Deposition for Libium and Solium Metal Acode Yang 2bao (Normer Libium Sale) Libium Sale Libium Sale	Cas we link the parameter appoars to althorne contamiones is contended all with calles during the clink- legal comparison (source) of comply (WHP Clines (strends) of Garaphy, New Associations of Garaphy (strends) of Garaphy, New Associations of Garaphy	Adsudyon Vores Dynamics in Landon-Turbolen Transidion by a Point Cloud Model Know Manuara (Pointe University)		Work of Fracture in Non-Olimp Fabric Carbon Fiber Reinforced Egyary Companies Audige Scatabas (Mexisten University), Yan (Mexisten University), Zan Konstance (Jahrense) of Manataca, Jahry Witter (Mexisten University)	The Fracture Teoghoese of Electic-Plastic 3D Nanolatics Salata Choude (Januaris) of Toronte, Dawoda Veer Sorgh (Salaunity of Toronte)
5:00 PM - 7:30 PM					Conference Devicements (Inch C	teles Fouries				
8:00 AM - 6:00 PM 8:30 AM - 9:30 AM				Pieta	ary Session (key BMO Auditarium): "Advances in Numerical I Marcelo de Lemos (Institut	Rodeling of Flow, Hear, and Mass Transfer in Heterogeneous I o Tecnologico de Aercelutica)	lecia*			
9:30 AM - 10:00 AM	Session A2 (Advanced Manufacturing II) Room: ACEB 1410	Session B-3 (Robotics, Mechatronics, Automation I) Room: ACEB 2460	Session C-3 (Biomechanics II) Room: SEB 1656	Session D-3 (Environmental Engineering I) Room SEB 1959	Con Session E-3 (Energy Materials II) Room: ACEB 1450	Session F-3 (Heat Transfer II) Room: SEB 2009	Session G-3 (Fluid Mechanics N) Room SEB 2160	Session H-3 (Transportation Systems () Room: ACSR 2405	Session J-3 (Materials Engineering III) Room ACEB 1415	Session X-3 (Solid Mechanic III) Room ACED 1420
10:00 AM - 10:20 AM	None ACLE 199 Implementations and Applications of Dilpidcal Vibration Michio Forum Microsoftware Control Notato Forum (Kathan Michion Manakathan Overset) Lifesting Control Michion Manakathan Council of Canada Council of Canada	Nordine at Model Predictive Control of Path Following by Wate-Soft A Antoneous Car Matematic Hastagood (charand, artification), And Path Matematic Hastagood (charand, artification), And Path (blowing) at Waterking), Porganic Caranoski (blowing) at Waterking)	Kook sei tee Comparing Facilian Casamana fa Gapah Insufficiency Franzess Following Berners Bookader Arthropping Janon Lochard (Weren: Usinnig), Daiel Adard (Weren Jahonson, Oferenn: Usinnig), Gaoga Admar (Jz. Jaught) Insufficiency (Jahonson, Jahonson, Jaho	Kosh, kiki Yee An Aktoria Thermal Insight Methodology for Mapping Land Suttice Temperature (£37) with a High Systemporal Resultion Robinstry of Galaptic, Anio Askad (University of Galaptic (Sharenty of Galaptic, Anio Askad (University of Galaptic		Kook Nex 200 Namerical elevatories of toxy toxelin and insulation performance of toxycome benchars NexLi (Linkews) dangie: Spek Tamari Gueget; William Labz (University of Gueget)	Asian kak zrez Alices Malourian Constants for LipótLipót Separation Weine E (Nenzill University; Kaln Pope (Menzill Livesity; XI Dan (Menzill University)	Noine ACLES 2015 Malificady Operation In Julia Ronce Monier (Shinensiy of Windoor)	Addies Warshmater / Almines Marc Countralise	Non-Enviro Hart Production and Mars Wess Interference
10:20 AM - 10:40 AM	Application of EWMAControl Chart on Valumenic Ervers Charge Recognition Xear(19): Top Opencing Martingti, Rea Major (Polyachriga Marting) Annihig	Model Predicive Costel, Bandliczelon and Inginemation Design for A Produkter & Microcontention Bandling Costeness (Sciences of Your Bonewick), Scien Date (Science), of New Bonewick), Science Date (Science), of New Bonewick)	Design of a Bindel Mechanobicreascur for Engineering Pediatric Andre Menes Easter Wong (Urlearing) of Toronic (Datamaty of Toronic)	A Novel Option for City Water Bacycle with Cablon Capture Sectors Arthrop (Unkensity of Pacia Cable) Table Barry Dathouie University, Nater Materiantic Carbourie University	Colystation reselption Colystation research (Report Presentation) Chandra Vere Single (Liberthy of Torsen)	Performance Evaluation of Siding Maxwink Subjects to Ballow Heat Lands East Vita Control (Linkingh of Alexand) (PProceeding), André McDouald (Linkinsky of Alexan)	induence of Trailing Edge Rup Pilotiking on Oysanic Stall in Pochag Anhain Fanid Saman (Johanning of Waterboy (Johanning of Waterboy)	500-Based Euroge Munagement Brangy with Likhlam Pading Presention for PBVN Sayang Yang Jiang Jiang Jiang Technology Xanas Lin (bioansty of Cresic Institute of Technology	for Earlens Brokowers (Grapes PreastEder) Matem Hiteranned (Johnson & Hiteranks)	in CMT Restretues d'empendee (Pépage Restretues Restretues) Zangeo Dest. (d'alemby d'Abere)
10:40 AM - 11:00 AM	Orthogonal Machining of Para Magnesian-Silica Syntactic Pana Rodala Pinnanci (Penamany of Diraphis Sanhar Kanan Pinnanci and Pana (American University of Shappis) (American University of Shappis)	A Point Cloud Gesensien Scheme Shawi Clu (Missen Universit) (Missen Universit) Universit)	Energy Loss of Arctic Hall in Annuaysem Predicts Times Detainstates Exhibit Wang Liberardy of Toomay Hang Schemary of Distances of Torona, Tomas Fahre (Schemarkov of Toronay (Jahanahay of Toronay) (Annualy of Torona) (Jahanahay of Torona)	Sas Lettuce to Biocartion and Biogas with Recovery of Network Asias Stream & Johanny & Picca Educatic Station Astarya (Johanniky of Picca Educatic Station)	Inertics Exploring of Suffice Electrolyne Based Al- Sold-State Lishan Bararies Charglong Wang (Western University) University)	Thermal Characteristics of Steel and Composite Risers for Flow Assurates Sance Aly (Mencial Linearchy), San Nahlas (Mencial University)	System Stewardson of Englise Cooling Waar Jacker Ein Minnaul (Ukiwarky of Wohat); Zhanar Henzige (FC- Canada Iva; Ramaliana Sykalendy Wohat); Ram Esabatander (Jakensky of Wohat)	A Faule-Tolerant Standing Control Apprehen Using MPC for Delines Safety of AP Foreits Crases Kongresses Children of Control Instant Technology Jaho Sao (Skiwniky of Demici Instans of Technology	Worservatural Evolution of Adabada: Shaw Bandu in A271 Magnetium AlkyQurdep High Arain, Rata Inguat Faucuit Testin (You unwells), Solamon Bailye-Yadam (You University)	Investigating the Accuracy of Tarious Manyeli edy Ponentia In Euroscie Mechanical Popersies of A Nanoccia Sato Suded (Menodici Liniomin), San Nania (Menodici Liniomin)
11:00 AM - 11:20 AM	Finite Element Modeling of Fracture in Certanic Micro- Partiste During Comparis Coldgorg Process Rohan Chancelor (MCGI Lowenzy), An Sang (MCGI Lowenzy)	Noise and Thermal DYR Reduction in MERE Oprecorpse MRR Medicine DYR Reduction (Compensation Methics Resource) of Workshop (Manamata Jaid Anamad (Jainersky of Winchard)	Mechanical Properties of the Ricipital Approximation Emmanum Cross (Silvering V) Guidette, Michael Gler (Delwerby V) Guidette, Yane Groun, (Swarty C, Guidette, Konn Age (Silvering V) Tarona)	Alterical Diffusion Model to Pradice Pradiate of Tangunana with the Local magazine's factors Laper Stranger and Stranger and Stranger and Stranger Metane Mond Dirinenty of Goupley, Mong Schmannyof Johannyof Gauget, Ann Name Jilowana da Gauget, Ma et Gauget, New Helmos Schwarz, of Gauget, Bergersch Der Höhlsmer University G. Scott Koperholl Dirinenty of Gauget Biddene University.	High Parlormons 30 Li Mesil Anodes Enabled by Liblophilic Cu Ranowl Networks Rouges Alter (Median Dianeth); Auding Gui (Mesian Chiareth)	Thems Management of the Kongot on the Spray Costed Sectors Using an Impiggement. Value (24) Control (24) Control (24) UTINe University of Binsh. Columbia)	Altumerical low argues on the Fundamentally Officerer Reductories of Chicale Augusta, Darifor High and Lew- Manage Wang (Western Lakanab), Toger Khayar (Western Lakanab)	20 Randum Road Inglementation in Moderwise of Full Car Simulation 29 e Ma (Lokenshy of Yoshou), Since Advanter (Johonshy of Witchau)	Bitsci of Planck Deformation on the Correction Rehardor of 10:27 Robited Seet Salar Salet (Read Universit); Kathan Assemptor (Nenrolal Disensity); Al Head (Nenrolal Disensity)	Vibration Method for Very High Cycle Fatigue In Austrian M. Sentral (Frightschriege Miller) Mannels M. Brouch Pathonismi, C. Personaly Mannels M. Brouch Pathonismi, C. Personal (A et nidets Path Tech)
11:30 AM - 11:40 AM	Giskal Statistics Based Method for Dunoking of Flarae Pairs Douds Cody Barry (University of Ostasis Institute of Tedrockog) Romad Barri (University of Ostasis Institute of Tedrockog)	APoglasi-Dawloor System Modelling Analysis High La (Johanniy of Tarrang Longtan Clan (Johanniy of Tarrang	Rob of Medial Ligamentus Stuctures on PCL-Deficient Kole Kommitte During Studies Choicel Stability Team Alterna Materian (Norma Linkawata) University, Nan Gargued (Nexten: University)	Bio-Carbon Production by Oxfahrian Process of Pulpand Deputy Particulars 20x0b A-Carbon Cong (Deputy) Carbon (Denning of Carbon, Carbon Charlon, Carbon (Denning of Carbon, Carbon Charlow) of Carbon Ragion Practice (Denning of Carbon Ragion Practice (Denning of Carbon	Nanomechanical Staty of Atomic Layer Departure 5 Soli- Manton Americanis (Estimates of Tomas) Catalylawing of Tomas, Tang Catalylawing of Tomas, Catalylawing (Formas, Tang Catalylawing of Tomas) Reging Wing (Mereine Liberah), Yang Bao, (Nearo Unamely, Guidenson, Catalylawing (Tomas) (Liberah), Catalylawing (Tomas)	The Direct of Changing the Main Compressor Mart Sequences on the Orward Cyst Directory of or the 19 MW Eastern Ar (Contemposition Internation) University)	Comparison of Connectly Used Association Models Sign Chen (University of Tocome) Marine Adaptic (University of Tocome)	Pers Vibration Properties of Aling Reams Julie Taberi Falterande (Alexandro), Janning Yang (Alexandro Diversity)	Assessing Fibre Metal Landman Materials for their Inspect Mathematical Mathematical Content (Content) University (Content) Lanengs (Content Content) University of Technology)	Time Response of a Cylindrical Fause Silics Resonance Solpicard to Torping Input Angular Welchine Winnig Lan (Viramen Usivershi); Hahanad Boyanah (Weas Usibershi); Brahol Garol (Wasan Usibershi); Sanhal Acclaments (Wenner Usiwershi); Tanlang Cu (Matoral Janamay d Delmar Tachang))
11:x0 AM - 12:00 PM	Nachinability Soufies of Ferritic, Aussenitic and Warsenitic Statistics Desain Courses A Conference of Courses Editor (Scholt & Exchange Registeries) Editor (Scholt & Exchange Registeries)	On-Line Cites Description Infigh Processor Republics Unity Distributed P27 Sensors Trained IM-Pice (April April Line) (April 1997) (April Data University)	Watation Analysis of a Boose-Canadaction Watating Implane Separat Watati Schwar (Winners Schwarz); Swart Argunat (Winnam University; Hard Laatie (Winnam University)	Source of OE Marin Malay Frank Mann Juraid Galeen (Hernol De Nath University Garden Mellay (Hernad Bin Halls University)		Namerical Investigation of the Effects of Celle on Transport Properties is an Effective and Fuel Cell Retereme Proclam Anu (Livershy d'Galapti, Ariento Data (Livershy of Galapti)	Plane Countra Filow of Hisary Water with Variabile Miscashy Robert L. Very (Consultart in Engineering Science)	Fogging Simulation of Hamid AV on the Surface of Windowski and Execute Car Moon Surface Care and Surface and Surface and Arabiteness Lyanzi (Reipe) (Lawaniy of Cal Engeness) and Arabiteness Lyanzi (Reipe) (Lawaniy of Cal Engenessing and Arabiteness) (Surface) (Reipe) (Lawaniy of Cal Engenesing and Arabitenes)	Nanoinderzation of WC-Co Centented Caritides Fabricated By Selective Later Strending Joseph Apagorg (Twi Unitenzi); Rev Castanak (Yok Unitenzi); Soloman Boarge-Yadam (Yok Unitenzi))	Dynamics of a Mone-stable Ring-based Vibratory Energy Hervann Route Gener (Wing Kanada Kanada Kanada Kanada Route Kanada Kanada Kanada Kanada Liberahj
1215 PM - 1:00 PM				Plac		ginsering Building Asium) EnergyStorage and Convention: From Nano Scale to Single A stern University)	ions*			
200 PM - 2:30 PM	Session A-4 (Additive Manufacturing II)	Session B-4 (Advanced Energy Systems III)	Session C-4 (Materials Engineering IV)	Session D-4 (Biomedical Engineering B)	Coffee Break (Anti Chakra Session E-6 (Environmental Engineering II)	Engineering Building Atrium) Session F-4 (Fluid Mechanics V)	Session G-6 (Fluid Mechanics VI)	Session H-4 (Transportation Systems II)	Session J-6 (Materials Engineering V)	Session K-4 (Solid Mechanics IV)
	Room, ACER 1410	Room ACEB 2440	Room SEB 1656	Room: SEB 1859	Room: ACEB 1450	Room SEB 2009	Room SEB 2168	Room ACEB 2415	Room: ACEB 5415	Room ACER 1420
230 PM - 250 PM	Accurate Estimation of Processers in Neural Department of Processers of Neural Procession Colling Linkson (Linkson by of Drano Instance) Technology, Heasen Holawy (Linkson) of Drano Instance of Technology, Heasen Holawy (Linkson) of Drano Instance of Technology	Bitleiner Nan-Contact Steam Generation and Superheating Using Sweiger Thomas Cooper (Not University)	Performance of Maralin Is Spars, A Maincador Dyunites Simulation of Annota Using Strategies and State Lan Maralus (Maralus), Santaka (Mannol Usinem), Al Mannalus (Lanvis, San Maka) (Mannol Usinem), Al Ratromous (Litri Siphira Usinem), Al	The Direct of Sen FG on the Publicity-Better Conser- BisChartics of Select Autyments (Calification and Hestisthoughang) & Lose FA better than Kigling Fued. J. Small (Hestischarty) & J. H. Wang (Selection University), J. A. Jacob Collary, S. M. Star, S. M.	WEF Stransform of Links: Character De No Head Lever High Spagnaphic Resultation (Linksver) of Galaryity Level National (Linksver) of Galaryity Level National (Linksver) of Galaryity (Area National (Linksverby of Galaryity), Area National (Linksverby of Galaryit)	Networkshowed patience of a Comb-Like Fline-Cooling Hear-Mag Li Concords University, Whith Geldy (Concords University), Enthin Heasan (Flease AdMUsikemby at Conc)	Bedge of Parative Wind Transel Gride using a Prediction Model for Transation Memory Designed Server (Weiners University)	Design Analysis of an Active Trailer Standys Systems for Math Trailer Articulars Houry Vehicles Mathematical Articulars Houry Vehicles Marging in (University of Crescio-Instance of Technology Marging in (University of Crescio-Instance of Technology	Investigative Equations of Evelop (The Work) Balancies of Transport, Conting of PHM Minister and The State (Control of Control International With of the Control Office International Controls) (The State (Science) of Control International Control International Control International Control International Control International Control International Control International Control International Control International Control Control International Control International Control Control International Control International Control International Control International Control In	Mechanical Popurets of 30 Priced Priorbo Schulture Marchai with Mecanica Jano 65 (McGi University): Internat Mecanishing McGi University: Innis Mecanismani (McGi McGi McGi Gi Destanata (Mai Priorbypec)
250 PM - 310 PM	Effect of Prioricg Parameters on the Porcelly of Stalaisess Seek Alloy 2014. Using Direct Metal Laser Stanring Al Elens (Yos University), Antanadar Caesbanki (Yos University), Salaran Baaye-Yadan (Yos University)	Detailed Character/tankin of Novel Relater Floor Hearing and Cooling Spatem Schwaler, Restruction University, F. Konstatution, Repeater Constatution, A. and Dollary Schwaler, S	On Raticality of Thermally-Sprayed Assertion 2 better Laper in a Mark-Spraved Control phase Handing Sprave Annual Ragger Character Linear Hyper Markenson Rad (Downlow Ragger Character Linear Hyper Control Internet) Christian Markens (Chrocottis Linearshy)	Hight Foce Feedback for a Helpsonia Songraph <u>Saten</u> Neth Hight Sennar (Likerstrict of Laksachewer) Rea Fonds (Johnstrict of Laksachewer) (Horn Cedel (Johnstri) of Castenthewer), Kenn Cedel (Johnstrict of Santachewer), Sont Adams (Johnstrict of Laksachewer)	Separation of Carbon disulte trom Biogas by Alexyston Activated Cathon Entits Advanced University of Caultyn Extra Advanced Caultyn	Mechanics of Action Packs as 3644 Lipid Insenten- Divension of procession 39, PCC 4814, Distance Super- Zahn Index (Hintern Limiterity), Drama Vanch (Hinte Carle Papeto-Carle Carl, Libraham (Limiterity), Director Limiterity), Hassis Participant (Hintern Limiterity) (Hintern Limiterity), Hassis Participant (Hintern Limiterity)	Esperimental Simulation of a Denally-Oriven Downkorne Transfitting ethiline an Annoparter: Banadary Layer Eshavia Janeiak (Norma University), Gaza (Neusan University), Seis Sanory (Messain: University)	Contrai-Orisona & Dynamic Model of a Three-way Catalysic Cerventer Utilizing Ontogonal Collocation Anner Kollzei (University of Watericci) of Watericci	On Fabrication and Durability of Superhysiogheabic Destrologicalish 27: Catering on Statistics Beach the Biffers None Amalatic Manager (Saman Superhysion) University: Al Nasiri (Memodal University)	Time-Fractional Deal-Plase-Lag Hast Conduction and Transiest Crack Politikes in Watershall Materials and the Crack Politikes of the Conduction of the Conduction Www.th Yang (University of Alterna) of Alberta)
				1	Eggshell-Derived Carbon Disaide Sothers: Calcination and	Numerical Study on Gase-Solids Circulating Fluidced Bed Downer Reactors	A VeryLarge-Eddy Simulation (HLSS) Model for Investigation of the Thermally-Diracified Atmospheric Boundary Layer: Reductionist and Practical Amir Alabadis University of Calefith: Concolin Produ (HWD)	A Review of Active Aerodynamic Cosmol for Increasing Safety of High-Speed Road Vehicles Ikbannend Hammad (Liniversity Of Ormatic Institute Of Technology); Yuping Hei (Liniversity Of Ormatic Institute Of Technology)	Manufacturing Processes Over the Final Residual Stress State of Canadatahts Luir Forsean (Internet Tecnológica de Anronalacia) Mario Reselha francisa de Perspilans Tecnológica - PTI, Alfredo de Fania (Instituo Tecnológica de Anronalacia) (Instituo de Fania (Instituo Tecnológica de Anronalacia)	Investigating the Effect of Perceity and Temperature on Modulus of Nanoscale Aluminium
210 PM-330 PM	Thermal Destruction of a Statistical Steel TM Body Chemical Cable Naciong Particle as Strendory Transportance Canton Anti Riquis Courses (Tele Lawrence), Measured Calmanas (Into Lineance), Measured	Optimal Design of Likon Battakiss for Haath-News Faat Design Xoara Lis (Likonsty of Oracio Institute of Technolog), "Youngel Kits (Jakensky of Michiges Destator)]	Descripting the Ligit's Window of A-SI Council 20065 during AdvanceDization values (Perticularly Weakaurenews Cannon Kasawa (Linkensky Hindusz), Kyla Daw (Linkensky of Waartog)	Validation of a Temperature Sensor for Inglamable Indexion Telescon Telescon Michael Laudia (Missam University): David Heckbardh (Missam University): Mathem Teser (Missam University): Brent Laudiog Laudion-Health Sciences Center)	Legater burred carbon belans schener, carbonane and Stelander Konsteine Kinner Sedark Stelander (Schener) of Galapti, Kinnerh Data (Johenthy of Galapti, Binkov, Actory (Johenthy of Prince Eckend bland)	Numerical Study on Daw-Solide Cloudering Published Bed Domen Reason Domen Reason Domen Reason Damento Dimension (History) Dimension Dime	Boundary Layer, Reductionist and Practical Amir Alabad (University of Guipte, Gongaio Pinto (RWD)		Bantha (putino de Penginas Tocológicas - PT, Afreci- de Faría (putino Tocológico & Policia) - Normi Jahod (Disensity d'Illandoc)	Sabi-Subad (Memodal University); Sam Nakhta (Memorial University)
210 PM - 220 PM	Themal Distribution of a Database Stard 15 biolog Classific Cale Packing Pacific as a Starting Transmission Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Control Pacific Pacific Control Control Control Control Control Control Control Control Control Control Control Control Co	Optical Delay of Link Barraria to Natural Assort Yang Carton Link State (Link State Stranger) Delay Link State Sta	Enterstreitig des Liguid Michae et d'el Canad 1996-bil Canaron Bisann Octomo (Santon (Santon (Santon Distanto) d'Attanto (Santon (Santon Distanto) d'Attanto (Santon Ananets: Topologiaristationes in a Stato Fiel Symmetry Baster Forsanter Symmetry Baster (Santon (Santon)), al Stato (Santon Oxionia))	Walking of Teppend Searce Searce September (Marca Lass) (Marca Searce Searce Searce Searce Searce (Marca Lasses)), Marca Searce Searce Searce Searce Bernard Searce Searce Searce Searce Searce Searce Web Searce Searce Searce Searce Searce Marca Searce Searce Searce Searce Searce Marca Searce Searce Searce Searce Searce Marca Searce S	Database Backets Barbard & Generg Annual Chan (Datenthy & Gargetti Barbard Escaritization) Popular and constant family and the second start International Constant Constant Constant National Constant Constant Constant Con- taining (La)	Zerung San (Vissens), Class Zang (Western Utsensig) Bad Volage Predictors for Invense Lipid wild Phuldeed Sanh Statut (Western Lineway), Janes Za (Western Lineway), Daniel Fjores (Western Lineway)	Alexandry Laper Resolution and Paulica Alexandry Laper Resolution of Paulica Alexandry Laper Alexandry Compton Resolution (Science Resolution) Resolution (Science Resolution) Compton (Scienc	Tachnologi, Yuge sie Jokansky of Olanis Instance of Tachnologi Olanis Instance of Tachnologi State Instance of State Instance of Tachnologi Marked Wang Hale Charlos of Annance Tachnologi	Rady by her is the Program Turningform PT, Alexia in The Jonan is the second second second second second second second second second second second second second Resists of Description & Alexia Second Second Second Second Has Sec (Marcel 1) Torong Charles and Single Sciences of Tanang	Said Saids (Menod Daving), San Natio Menode Bioreta) Application of the Teacy of Configurational Menodes Janges 2na (Menod Daving) Janges 2na (Menod Daving)

4:10 PM - 4:30 PM	30 Prioring of Viroleur with Respective and Precise In-Situe Seriel Halling Properties Mingue Zweg (Western University)	On the Role of a Turbine Guide taxe in a Rosting Descaration Contents Halp And (Trackal Women) of Behrley Chalana Ular Parateware (Technical Ularenky of Behrley Chalana Ular Parateware (Technical Ularenky of Behrley Descarateware (Technical Ularenky of Behrley	Sustainability Jassessment of Machining Difficult-or-San Manadia A. Exegue (Jainenty of Gardys): (Datas (Datas)y of Gardys): H Hegue (Datas University)	Low-sequences 30 printing of PLAk printability analy Ernat Nanal (Johanny of Picck Ganarkined), iskip false Johanny of Picce Ganarkinad, Wat Markov, Johanny of Pirce Ganarkinad, Uray Atmad (Johanny of Picce Ganarkinad), A Anad (Johanny of Picce Ganarkinad)	Article in Namou Sanar Casyons: Stagle or Double Varue Lug VIII Oney (Namachuman Intelnet of Technology) Anir Alabad (University) Castley Lanis Natoro (Massachuman Intelnet of Technology)	⁹ Experimental Study of Controlling Row Separation In Charantel Expansion Deal Traps (D.M. Wile Associates Linked)	Relationship between PCO Modes and Physical Machaniana i Tornako Lak Vona X Eshamana Kanadi Jawa Mangara (Wasana Liwena); Lag Canzasa (Jakana) of Genoa); Hasaa Puerbasan (Presen Universi)	Grey Welf Cyclinizer for Antonickive Bines-By Welle (BR48) Sprean Design Anit Youri, Handrahle College of Handrahle College of Konnell	Molecular Dynamics Investigation on the Effect of Sile and Temperature on Xaroyf, Mohales of Fron Saythen Heinding Minocol Giolentic Jian Montany (Menorial University) Sam Nahla (Menorial University)	A Bass Pressure Model for Pressurind Pipe Dibow with Commission Defection Criggio Wang (Western Linkensky) (Wening Zhou (Western Linkensky)			
4:30 PM-5:15 PM					NSERC Panel on G	rants and Scholarships							
6:00 PM - 9:30 PM													
8:30 AM - 9:30 AM	Record and the Mill I deviate Berlin Annual												
9:30 AM- 10:00 AM	Ceffee basi												
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	Room ACEB 1410	Room ACEB 2440	Room: SEB 1056	Room: SER 1859	Room: ACEB 1650	Room SER 2019	Room SEB 2100	Room ACEB 2435	Room ACEB 1415	Room ACEB 1420			
10:00 AM - 10:20 AM	Aud Strangy for Ultrapocka Single Point Carling of V- gnoovs with Centrast Cross-Socianal Carling Area Defin. Jaco (Illisam Visionity); C. Rena Transo-Fran (Vivens Visionity), Nacha Million Mitorial Research Council of Canada; Council of Canada;	Design of the Mechanical Transmission for 5 DOF Robor with Exatilatorie Active Seni-Active Actuation Sarage Plantike (Wearen University), Mahdad Kemari (Wearen-University)	Performance of OCT-benived Scapula Finite Element Models in Predicting Local Explanament Using Edgian National National Commission Internet National Local Ferniettics Internet (Internet National) Local Ferniettics Internet Internet National Local Ferniettics (Enco Date As (Amenity of Statistic)	Microfiladic Draske Transport by Platekolotiversing Khalef Al-Adbe (Hzu Dhab Libersing, George Kropf (Histore University)	keenstal fugueung of data Koo Roonton ung Menan Lag Pengataan Nati Canggee (samang of kinga, An Ano)	Development of a Numerical Model for Hydrothermal Convention at Biomas Mutanmat Helder (Development) of Galactic (shineshy of Galactic, Bathow Active) (Shineshy of Price Edward Island)	Dong Beduction in Candulte with Vibrating Wells Josef Regenitic (Hearten Ubiversity) Model Paryon (Hearter Linewood)	Orientation Degenders Installation Nardening in Pure 2r Statistic Lybianibuleration, TDN, and Crystal Planticity Plantic Diameters Monitory (Control National Technical Controls of Controls (Control National), Traini Stepport, Diametry (Control (Control National), Traini Stepport, Diametry (Control (Control National), Traini Stepport, Diametry (Control University), Hand Addisord (Western University)	Crystal Orientation Effect on the incipient Plasticity of the This Flan Nanoldsetzation Mind Bughesport (Western University) (Western University)	Calibration of Ising Serverby Manasements on a West Torbite Name is using image Angels of Los Accession Forlice Robust and Calibratic Serverbal Lossey: ann Rate (Schermaß Law) (Schermäß Law)			
10:20 AM - 10:40 AM	Effect of Tool Paths on Fairs & Standard Particles Envision & Dambalan During Handward Handward Handward Handward Berles Naturan (Grie die Schröding Engelsnum), Uber Songmere (Eustrale Technogie Sopieland), Jahr Kaum (Euste die Inschrödigte Eigelenne)	Pesenalic Hyperclaric Actuators for Grasping Soft Organic Objects Associds Gally (Historic Usiang), Gorgan K. Kooft (Historic Usiang))	Manerin Mapping of OCT-Derived Scopatar Models A Comparison with Micro-CT Lauded Spectremes using Biglia Volume Contrabion Micros Account (Microson Contrabion (Revent Livership), Microson Lauder Jacobie (Revent Livership), Microson Lauder Jacobie (Livership) di Bantings Enrico Dall'Asa (Livership of Shetting)	A Simulation on Multi-Plast Carbon Narondae Field Entiter for Medical marging Japu La (Jahonny Munton), Calar Competitioning of Wanning Tengral En (Jahanny of Wanning), Jahn New (Jahanny of Narong)		Equationent Study of Natural Conversion In a Nathastell Usbarray Handed Ophider Role Tamber (Heatern Sindigal (Heatern University)	Nonsummer of its Athesian on Statistics Statt Hydropholic Contract Status Rhythy Marcial Librarity University, XII Dain (Alemania Librarity)	A Non-Local Crystel Plasticky Finite Element Model for Simulating invaluation Growth to a Octobern Polycytellis Onia Santigut (Western Linkersty) (Wattern Linkersty)	Effect of Next Transmitt on the Micro-structure & Evolution and Mediatelinin of War of 10 Prizes TLAKER Moy Nyouthe Argon: (first University); Schurch Kolye-Valation (float University)	A Large Edity Simulation of Amorphasis Resentary Layer for Vertical axis Web T Anthen Application Maryan Zahang Amira (Concrease University): Maria Passachinou (Concrease University): Maria Passachinou (Concrease)			
10:40 AM - 11:00 AM	Guiles methoding of bulk-up edge formation in turning statistics seed and ga consider entration edgest formarin Arean (destruct training), Ar Ar Mathatam University), S.C. Visithua (deltatare University)	Designing a Robust Commilier for Hond-Made Madel Accruit Moral Menanahar Pangara Rogal Charyah (Dhage Nasi: Tooli University of Technology:	Experimental Dauly of the Diffus of Organic and Mineral Content on Nore Michael Contention Properties Optimistry of Ministry ("Wing Sciences of Ministry Lac (University of Ministry), Stry Wing Sciences of Ministry (Westers Tuberory Load Sensor for Orthogandic Applications William Anderson (Western Lünkersby) (Western Lünkersby), David Wikklassort, (Western Lünkersby)	Organic Polyanas Talin Film for Studie and Long-Lile Libbins Mori Ancide Yang San (Wessen Schlamm); Tau-King Stans (Wessen Libinshig; Xuelang Sur (Wessen Diversity)	Companing Anticias Neurona Neurona y MMS anh ROFFROD Solar an Neurona y Articlary and Canada Color Poperties as Neuroimp Fluid for the st MMF Gas Turkine Power Flast Enable: Al (Canada University) Sawy Sawi (Canada Disease)	Analysis of Gas Diggenion in Non-Newtonian Fluids with a Cossial Mainer travagh Tomography and CFD and Beaponse Schriste Methodase (Schrist Methodase), Mayner, Janetskillader (Pyerson Usionality), Fahrlad Er- Manatas (Pyerson Usineraly), Al Lin (Pyerson Usineraly)	On the State of Thermal Revisional Streamen in Stranshing Modeling and Equivalentation Actuality Neurol (Western Linkerstry) (Western Linkerstry)	Characteritation of Long Yem Medianical Performance of Polytophane (PK) and its Pipe Tan Ju divisional divisions; Ya Tan Subarnety of Abarnet, Yi Zhang (Jabarnety of Abarnet; Sacarani Mahammad (Salamstry of Abarnet)	Experimental Simulations of Large Scale Tornado-Like Vanidasi Anath Antard (Western Linkensky)			
11:00 AM-11:20 AM	Analysis of Research Line Formation During Laser Politicing of UKI and Single-Colonic (Linear Linear	Kalman Filtering and PID Centred of an Invented Pendulum Robert Calin Borray (Sharen W) Darby Ciperel Bolliner of Calify S. Share Gostan University of Georgity, Neu Budskik (Sharens) of Georgity Materimul Eigentegine Schlemitty of Georgity	The Effects Of Demographics on Stradeer Shape and Density for Population-based Dusign of Orthopodic Implants Pandar Scharmonammad (Nexami Dulantik); Ryae Willing (Wastern University)	Fichs Einener Andynk of Porosa Titasian Aloy Ceantraction Basabag tas Machanical Properties of Mandbache Bane, Alos Lado Mandbache Bane, Alos Lado Manneg, seigh keynes Valentaria, Casti Hostmon (Rotane Rosand Antona), Casti Hostmon Rotanet, Anny Berner, Manneg, Casti Hostmon Rotanet, Anny Berner, Manneg, Anny Dao (Neura Rotanet, Anny Berner, Manneg, Anny Rotanet, Printer, Manneg, Anny Rotanet, Printer, Manneg, Anny Rotanet, Printer, Manneg, Anny Rotanet, Manneg, M	Dashiger LLPD, Costing Supported M Rick Layered Catalasts for Ad-Solid-Assess Liven Baravia Site Dang (Western Livinnig): Xuelling Sun (Western Livinetick)	The Effect of Geometry on the Strength, Storage and Contention Characteristics of Biochies and Hydrochie Points Tashan Dab. Mri (Linkewidy: of Guidpi), Annesh Data (Linkewidy of Guidpi)	Minimum Phalifambio Valaddy of Invense Lipstickedd Phalifamed ther Who Using Lipst Scial Periodes Salah Sound (Yanam Usinang), Alasa Jaw (Yonana Linkensby: Danice Pjanes, (Marsen Usiwenby)	Planic Determation Evolution at a Crash Tip in Zincorkum Fail Zoogan Hang (Cauenti Usinamit), Mar Deprint of Cauenty Usinamity)	Study on the West behaviour of Kunitive Metal Maria Composites Risifarced with He august Bores Nitride and Calit Bones Merida Weste Fourier Cality Control (Cality Control 4) (Ed. Ganar Regioner) Cality (Cality Control 6) (Cality Control (Cality Control (Cality Control (Cality Control 6) (Cality Control (Cality Control (Cality Control (Cality Control 6) (Cality Control (Cality Cont	Wed Loods on Lee-File Buildings & Tornado-Like Workson Japan Choudhury (Neuran Likewak), Fare Volary (Applied Reaasch Associates, P. 1; Hota Neuran (Rearch), Sudhan Santi (Applied Resenth Associates, Pc.)			
11:20 AM - 11:40 AM	Addite Manufacturing of Electroactive Polyner Advanted Patient-Specific Arvirol Planesis Situating Secola and Electronic Materna (Secola Advanta) Electronic Materna (Secola Advanta) University, Tante Polynog (Wastern University)	Peter Informative Spetializer Valence Alser Vannes (Juncardan University) of Landow Kanarakan University of Kanada, Honan Robert P. Antantan University of Landow (Landow (Landow) (Landow) Kanada, Tasakan Sakanakan (Landow) (Landow) Kanada, Tasakan Sakanakan (Landow) Kanarakan (Landow) (Landow) (KCC), Danie Andrada (Landow) (KCC)	The Effect of Short Sectification Implient Vector Vector Postime on Brane Strees Foldung Total Streads And Total (March 1997), And Total Streads On Total (March 1997), Control (March 1997), University, G. Charl Langer (Meanin University)	Bioprinting of Aginas Hydrogol Scatholis using Calcium Obladda Minu which a Protomac Assembly The NacCallan Dates of Prioric Scatt Stack, Enad Name (University of Prioric Scatt Stack), Al Annual Diversity of Prioric Scatt Stack, Scatt	Ultra-Scala Acude Inactas Performed by Incorporating UF InLXPR_CHausd States Electrospen Fegung 2hap/Venem University/ Stating Son (Venem University)	Effects of Anocado Ripotesta and Estimation Temperature monthlesses (Section 2014) and Section 2014 (Section 2014) and Section 2014 (Section 2014) (Section 2014) (Section 2014) (Section 2014) Research Charles (Section 2014) (Section 2014) Research Charles (Section 2014) (Section 2014) Eleveration 2014 (Section 2014)	Generation of Self Organized Bubble Train Flow Rey Ganite (Tura University); Kannan Galipu (Wannen University)	Bayth Dependence of Indentities Review of Hollism Registered Incode: 5788 Looker Engenie-Kanon (Western-Linkenze); Kither Kassan (Wastern-Linkenze);	Effect of Graphics and Erstein an Wate And Fractise Baharbor Of Audies Massionepaths Science Duter (Science), Science Science Autors (York University), Michaennachten Scieg Saud University)	Terrado-Indeze di trenda and Edebrad Pressure e da Lon- trada di Antonio di A			
11:40 AM - 12:00 PM	Optimizing Curring Teol Rake and Charance Angles lased on a Simplified Caralinever Base Model C. Espision (Sciward V Corniso Instance Theoreang), M. Hrad (Jokenshy of Caracio Instance Theoreang), J. Assassi (Jokenshy of Caracio Natikae of Theoreang)		Welding of the Clinician Ramed Drop Worldar Jump Scale for Preferent Solawing Amini of Ouclins Lignment (EL). Honoraway Stream and Solawing Amini Solawing Amini Liniowshig: Theor Biornighton (Heasen University), Ram Gargued (Weasen University)	Assessing Finger Force and Grip Configuration Variability of Works Standard and Archine Good Grips in Individual with and without hinted Archine Stanis Habard (Minema University, Carly Labor (Western University; Labis Familia (Western University)		AFair Two-Way Coupled Integral Approach for Impinging 24 Ward Toucher Vargeng Wang (Heams Diversity) University)		Spikozan X-og diffaction for extracing p-level full mercer sector is three distantion factor Lacca (Insum University of Addame (Interem University)	Quantifying the Effect of Hydrogen Obarging on the Microarcurus of Stevi Lenig Computed Temography Interface Interface Interface Interface (Microard University), Sam Natio (Microard University) (Microard University), Sam Natio (Microard)	Evaluating Sincenzi Dasign Loads unter Thanderstrom Nation Rockman (Manager Lands and Stranger Haltern Rockman); Keussia Rockshik (Symon Delwink) (Ryenon Delwink); Keussia Rockshik (Symon Delwink)			