

# CIET 2020

29-30 MAY  
Split

Contemporary issues in  
economy & technology

## CONFERENCE PROGRAMME

Friday, May 29

09:15	Opening speech
09:30 – 11:00	Presentations in concurrent sessions
11:15 – 12:45	Presentations in concurrent sessions
13:00 – 14:30	Presentations in concurrent sessions
14:40	Closing speech

### Track 1:

Accounting and Finance

### Track 2:

Tourism, Trade and  
Entrepreneurship

### Track 3:

1. Electrical Engineering and  
Information Technology
2. Mechanical Engineering

### Track 4:

Interdisciplinary Teaching  
and Learning

## Track 1: Accounting and Finance

### 09:30 – 11:00

ID 8	Dividend Policy of Listed Companies on the Zagreb Stock Exchange	<i>Marko Miletić</i>
ID 15	Cash Flow and Profitability Analysis	<i>Petar Pepur, Nikolina Turić</i>
ID 24	The Impact of Digitalization on Croatian Listed Companies' Corporate Performance Measured with Tobin's Q	<i>Tomislava Pavic Kramaric</i>
ID 110	The Relationship between Key Audit Matters and Cost of Debt	<i>Toni Šušak</i>
ID 120	Dimensionless Characteristic of Interest Rates	<i>Drago Francišković</i>
ID 106	A Mixed Integer Programming Model for Product Mix Optimization Based on Time-driven Activity-based Costing	<i>Ana Carvalho, Eliana Costa e Silva, Rui Silva</i>

### 11:15 – 12:45

ID 23	Impact of IFRS 16 on Financial Ratios	<i>Petra Jakaša</i>
ID 30	Tax and Accounting Treatment of Intra - EU Acquisitions of Goods	<i>Luka Mladineo, Dijana Perkušić</i>
ID 39	The Impact of IFRS 16 on Transparency of Financial Statements	<i>Petar Pepur, Nikolina Certa</i>
ID 49	Application of Benford's Law in Forensic Accounting	<i>Marijana Bartulović, Martina Mitrović</i>
ID 54	Accounting and Legal Aspects Regarding the Lease	<i>Sofia Capatina</i>
ID 97	Accounting and Legal Aspects of Tax Evasion	<i>Ivica Filipović, Toni Šušak</i>
ID 103	Review of Audit Committee Development in the Republic of Croatia	<i>Ivica Filipović, Toni Šušak</i>

### 13:00 – 14:30

ID 4	Application of the Chinese Postman Problem in Optimizing the Waste Collecting Routes	<i>Antonija Vujčić, Eun Hea (Grace) Jho, Bože Plazibat, Arijana Burazin Mišura</i>
ID 9	Internal Rate of Return Method - a Commonly Used Method with Few Advantages and Many Disadvantages?	<i>Marko Miletić, Domagoj Latinac</i>
ID 12	Retail: Problems, Development Trends	<i>Elena Fuior, Ludmila Cobzari, Tatiana Zavaṭki</i>
ID 22	Impact of Technological Changes on Investment Habits of Individuals and Households	<i>Kristian Žeravica, Domagoja Buljan Barbača</i>
ID 31	Local Action Groups as Bearer of Local Development	<i>Tamara Bekavac-Delaš, Domagoja Buljan Barbača</i>
ID 32	Modernization of the Financial-Banking Sector in the Context of Accession to the European Union	<i>Inga Zugrav</i>

## Track 2: Tourism, Trade and Entrepreneurship

### 09:30 – 11:00

ID 7	Importance of E-Customs in International Trade	<i>Nenad Grgurica, Ivana Plazibat</i>
ID 58	Analysis of Personal Consumption in Croatia	<i>Marina Lolić Čipčić</i>
ID 21	Implementing Smart Specialization in the Republic of Moldova: Progress and Next Actions	<i>Larisa Savga</i>
ID 36	Social Media as a Channel for Boosting Female Entrepreneurship in Retailing	<i>Ivana Plazibat, Sanda Renko</i>
ID 42	Family Entrepreneurship and the Issue of Transfer of Ownership in Family Businesses	<i>Slađana Brajević, Antonija Roje, Ivan Brajević</i>
ID 43	Needs and Opportunities The Implementation of the Quality System at Enterprises of The Republic of Moldova	<i>Raisa Lapushin, Olga Blagorazumnaya, Dalia Dreier</i>
ID 88	Analysis of Consumers Intentions for Online Shopping	<i>Armand Faganel, Živa Krajnc, Aleksander Janeš</i>

### 11:15 – 12:45

ID 87	Health Tourism in the Republic of Croatia: State of Play and Opportunities for Improvement	<i>Ivana Petričko, Goran Čorluka</i>
ID 126	Evaluation of Countries Travel and Tourism Efficiencies	<i>Zeynep Kezban Turgut, Nizamettin Bayyurt</i>
ID 99	Does the Leader's Entrepreneurial Profile Matter? A Study for Portuguese Technology-Based SMEs.	<i>Raquel Pereira, Maria Clara Ribeiro, Vânia Rodrigues</i>
ID 25	Application of Digital Marketing Tools in the Music Industry	<i>Danijela Perkušić Malkoč, Marko Radeljak, Katja Rakušić Cvrtač</i>
ID 91	Rethinking Digital Transformation Strategy: Why Should Leaders Rather Focus on Employee Engagement?	<i>Katica Šamija, Dijana Najjar</i>
ID 96	Integrating Active and Participative Methods in Teaching and Learning Process in Modern Higher Education	<i>Liliana Cibuc, Oxana Livitchi</i>
ID 130	Ten Years of Modern Demand Guarantee Practice: the Key Changes Introduced by ICC's URDG 758	<i>Ivana Puljas, Ivan Akrap, Mirella Rodin</i>

### 13:00 – 14:30

ID 14	July Drop Phenomenon in Croatia Tourism	<i>Mario Škorić, Mario Bašić</i>
ID 17	Flagships and Pop-up Stores as Contemporary Retail Trends	<i>Sandra Mrvica Mađarac, Slađana Brajević, Zvonimir Filipović</i>
ID 19	Preconditions for a Quality Tourism Destination Strategy as a Recognizable Tourism Product	<i>Ivica Jušić</i>
ID 75	Swot Analysis of Health Tourism Development in Dalmatia	<i>Marko Radeljak, Mario Škorić</i>
ID 92	International Trade as a Foundation of The European Union's Identity in the Globalization Context	<i>Liliana Cibuc, Oxana Livitchi</i>
ID 111	Country Income Levels and Entrepreneur's Perceptions	<i>Aldina Correia, Vítor Braga, Sofia Gonçalves</i>
ID 122	Innovation in the IPSS with Social Responses to the Older People in the North of Portugal	<i>Lopes Ana Rita Gonçalves, Aldina Correia, Alexandra Braga</i>

## Track 3: Electrical Engineering, Information Technology and Mechanical Engineering

### 09:30 – 11:00

ID 44	Selecting the right e-participation tool: multi-criteria decision making from a user perspective	<i>Ivana Ninčević Pašalić, Maja Čukušić, Mario Jadrić</i>
ID 79	Usage of Collaboration Tools in Business Activities	<i>Nikolina Ivanković, Nataša Uzelac, Roman Domović</i>
ID 84	Uncovering Barriers to Smart City Development in Croatia	<i>Maja Cukusic</i>
ID 118	Estimating the Attenuation Coefficient of Sea Water with the Lambert W Function	<i>Lovre Čakić, Žarko Kovač, Marko Vukšić</i>
ID 20	Photogrammetry: Node System Manipulation for Generating Low Density Mesh	<i>Mateo Čobanov, Barbara Džaja</i>
ID 26	Analysis of Investment in a Submarine Power Cable Between the Island Šolta and the Island of Drvenik Veli	<i>Ivan Andrić, Roko Miše, Hrvoje Jelić</i>
ID 37	Implementation of SaaS Solution in Cadastral Offices - a Case Study	<i>Mario Šundov, Igor Nazor</i>

### 11:15 – 12:45

ID 40	Reducing the Impact of Systematic Errors in the Direct Measurement of Electrical Quantities with a Digital Multimeter	<i>Vatroslav Zuppa Bakša, Andrea Bednjanec, Vladimir Šimović</i>
ID 52	Matlab Controlled Wireless Sensor Network	<i>Siniša Zorica, Sandra Antunović Terzić, Joško Smolčić, Ante Botica</i>
ID 61	Wind Turbine Concept for Educational Purposes	<i>Ivica Lovrić, Slobodanka Jelena Cvjetković, Silvano Jenčić, Ivan Papučić</i>
ID 85	Cloud Computing - Infrastructure as a Service Based on AWS	<i>Alisa Bilal Zorić</i>
ID 86	Physical Objects Access Control Using a Mobile Telephone Network	<i>Joško Smolčić, Tonko Kovacevic, Siniša Zorica, Sandra Antunović Terzić</i>
ID 95	Chronological Order of Offshore Semi-submersible Drilling Rig Spill and its Consequences in the Gulf of Mexico	<i>Nikolina Dujmović, Slobodanka Jelena Cvjetković, Ivica Samardžić, Želimir Jonić</i>

### 13:00 – 14:30

ID 119	Scalable Video Coding and Statistical Multiplexing as a Means to Increase Channel Utilization	<i>Božimir Mišković, Nenad Vujović</i>
ID 123	Improvement of Characteristics of Gas Filled Surge Arresters on Low-voltage Levels by Application of New Materials and Constructions	<i>Dragan Brajović, Ilija Ječmenica</i>

## Track 3: Electrical Engineering, Information Technology and Mechanical Engineering

09:30 – 11:00

ID 128	Experimental Measurement and Numerical Analysis of Study of Temperature Fields in Cutting Zone Under Conditions of Continuous and Intermittent Scraping	<i>Miroslav Lučić, Ivo Vlastelica, Aleksandar Damjanović</i>
ID 1	The Numerical Modeling of Experimental Device for Measuring Thermal Conductivity of Metals	<i>Igor Gabrić, Zlatko Jankoski</i>
ID 5	Plastic Products Design: Today's Challenges from the Aspect of Environmental Protection	<i>Danijela Pezer</i>
ID 41	Hybrid Winch Drive	<i>Mateo Pržić, Ivo Jerčić</i>
ID 51	Optimization of the Mono-Symmetric I-Section of the Thin-Walled Beam Fixed at the Ends and Subjected to Torsion	<i>Ado Matoković, Bože Plazibat, Vladimir Vetma</i>
ID 74	Experimental Determination Flow Characteristics of the Control Valve	<i>Jasmina Lozanovic Sajic, Ivica Samardžić, Ivica Lovrić</i>
ID 94	Inspection of Wind Turbine Blades for Lightning Protection	<i>Toni Karabatić, Zvonimir Tomić, Slobodanka Jelena Cvjetkovic, Jasmina Lozanovic Sajic</i>

11:15 – 12:45

ID 127	Influence of Cutting Speed on Temperature during End Milling	<i>Anđelija Mitrović, Maja Radović</i>
ID 129	Investigation of Economic Dimension of the Complex Product Production Cycle	<i>Jelena R. Jovanović, Radisav Đukić, Branko Sarić</i>

## Track 4: Interdisciplinary Teaching and Learning

09:30 – 11:00

ID 16	STEAM Teachers	<i>Enric Ortega-Torres</i>
ID 76	Experience of Active Learning of Physics: The Case of Students of Undergraduate University Study of Food Technology	<i>Mirko Marušić, Jelena Ružić</i>
ID 114	Modeling and Growth Simulation of Social Network Facebook as Complex System Example	<i>Arijana Burazin Mišura, Ivo Baras, Marina Prvan, Nada Roguljić</i>
ID 10	The Role of Motivation in the Development of Students' Speaking Skills	<i>Ivana Vodogaz, Marijana Jurišić</i>
ID 29	The Importance of Developing Awareness and Self-awareness in the Intercultural Communication Class	<i>Elena Ciortescu</i>
ID 34	Academic English Teaching: A Different Perspective	<i>Edita Salov, Petra Grgicevic Bakaric</i>
ID 38	French and German: Differences and Similarities in the Use of Indicative and Subjunctive in Adverbial Clauses	<i>Petra Grgičević Bakarić, Katarina Krnić</i>

11:15 – 12:45

ID 46	Maximising Student Linguistic Output through Project Tasks	<i>Edita Salov, Petra Grgicevic Bakaric</i>
ID 47	Undergraduate and Postgraduate Students' Perceptions on a Challenge-Based Learning Experience: Education vs. Food Engineering	<i>Abraham Cerveró-Carrascosa, Jorge García-Hernández</i>
ID 55	Automatic Programming Task Grading – A Case Study in Coderunner Use at the University of Applied Sciences Velika Gorica	<i>Vladimir Bralić, Krešimir Kavran, Bruno Valić</i>
ID 57	Determining the Elasticity Constant of a Spring using a Microcomputer	<i>Zlatko Norac, Stjepan Knežević, Jelena Ružić, Julija Mardešić</i>
ID 64	Acceptance of M-Learning at the University Department of Professional Studies at the University of Split	<i>Sandra Antunović Terzić, Siniša Zorica, Joško Smolčić, Marinko Lipovac</i>
ID 67	Augmented Reality as Learning Tool for Children with Learning Disabilities	<i>Sandra Antunović Terzić, Siniša Zorica, Joško Smolčić, Bože Plazibat</i>

13:00 – 14:30

ID 93	Anti-Corruption Aspect of a Public Procurement	<i>Katarina Blažević Miše, Zrinka Klarić</i>
ID 104	Role of E-Learning in the Improvement of an Educational Process	<i>Nataša Gajgić, Marija Nikolic, Marija Djukic</i>
ID 109	Using Macrostrategies in Teaching Business English	<i>Oana Alexandra Alexa</i>
ID 113	The Real Needs of Foreign Language Teachers as Practitioners within Teacher Education and Professional Development Process	<i>Vesna Petrović, Ivana Krsmanović</i>
ID 78	The Interplay of Anxiety and Motivation in German Language Classrooms	<i>Jasmina Rogulj, Ivana Čizmić</i>
ID 125	Project Based Learning to Create Social Change amongst Millennial Students	<i>Ines Veiga Pereira</i>