

IEEE International Conference on Computing, Networking,  
Telecommunications & Engineering Sciences Applications 2021

(IEEE CoNTESA '21)

9<sup>th</sup> – 10<sup>th</sup> December, 2021

Epoka University, Tirana, Albania

IEEE CoNTESA '21 Conference Programme

Day-1: 9<sup>th</sup> December 2021, Thursday (Time Zone: Albania, GMT+1)

Day-1 **Primary** Link: [meet.google.com/vii-dtnm-ams](https://meet.google.com/vii-dtnm-ams)

Day-1 **Backup** Link: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_YWY0NTgwMTAtM2E0NC00MTNiLWl0NGYtYUxYjhhY2RkZWU2%40thread.v2/0?context=%7b%22Tid%22%3a%229e6a47d3-2795-4b97-9e52-78b1060629f1%22%2c%22Oid%22%3a%22f023df1b-1d25-4ea5-a575-51a0fea6a4f7%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_YWY0NTgwMTAtM2E0NC00MTNiLWl0NGYtYUxYjhhY2RkZWU2%40thread.v2/0?context=%7b%22Tid%22%3a%229e6a47d3-2795-4b97-9e52-78b1060629f1%22%2c%22Oid%22%3a%22f023df1b-1d25-4ea5-a575-51a0fea6a4f7%22%7d)

Time	Session	Session Details
09:30-10:00	Opening Ceremony	Welcome address and presentation of conference statistics by <b>Prof. Maaruf Ali (Conference Chair)</b> Welcome address: <b>Prof. Ahmet Öztaş</b> , Rector, EPOKA University, Albania Welcome address: <b>Prof. David Felsen</b> , Vice Rector, EPOKA University, Albania Welcome address: <b>Prof. Arban Uka</b> , Head, Computer Engineering, EPOKA University, Albania Welcome address: Ms <b>Enxhi Logli</b> , President of Student Council, EPOKA University, Albania Welcome address: <b>Prof. Mahdi H. Miraz (Publication Chair)</b>
10:00-10:40	Keynote Speech	<b>Prof. Anastasiya Luzgina, Deputy Director of Development, Belarusian Economic Research and Outreach Center (BEROC), Belarus.</b>  “FinTech as an engine of the banking system digital transformation: the example of small countries”
10:40-11:20	Keynote Speech	<b>Prof. Marc Pilkington, Dean of The Faculty of Economics and Administrative Sciences, Epoka University, Albania.</b>  “Blockchain voting, corporate governance, and liquid democracy”

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<b>11:20-11:30</b>	<b>Break: Open Discussion/ Virtual Networking</b>			
<b>11:30- 12:30</b>	<b>Track-1: Energy, Power and Control Systems, Session Chair: Prof. Bekim Fetaji</b>			
	<b>Time</b>	<b>Paper ID</b>	<b>Presenting Author</b>	<b>Paper Title</b>
	11:30-11:50	16	Sun Zhou	A 2-d State Observer Using Particle Filter by Incorporation of Batch-to-batch Dynamics
	11:50-12:10	19	Mohammad Shahriar Khan Hemel	Design Architectures of Ring-Oscillator Based Injection-Locked Frequency Divider for Centimetre Wave RF Devices: An Overview
	12:10-12:30	23	Alba Meça	Parameter Estimation of Three Cell Interaction Using Lotka Volterra Differential Equations
<b>12:30-13:30</b>	<b>Lunch Break</b>			
<b>13:30-15:30</b>	<b>Track-2: AI and Big Data Analytics, Session Chair: TBA</b>			
	<b>Time</b>	<b>Paper ID</b>	<b>Presenting Author</b>	<b>Paper Title</b>
	13:30-13:50	18	Sandeep Kumar Rachamadugu	Recommender System based on Deep Neural Network and Long Short Term Memory
	13:50-14:10	22	Abdullah Noman	A Performance Evaluation of Sentiment Classification Applying SVM, KNN, and Naive Bayes
	14:10-14:30	24	Gent Imeraj	Cognitive Health Reflection to Keto Diet Attitude with Machine Learning Clustering
	14:30-14:50	28	Dilshad Jahin	A novel oversampling technique to solve class imbalance problem: A case study of students' grades evaluation
	14:50-15:10	29	Mohammad Fahim Faisal	Credit Approval System using Machine Learning: Challenges and Future Directions
	15:10-15:30	11	Alisha Banga	An Empirical Study of Classical, Machine Learning, and Deep Learning Algorithms to Forecast Electricity Demand
<b>15:30</b>	<b>End of Day 1</b>			

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**Day 2: 10<sup>th</sup> December 2019, Friday (Time Zone: Albania, GMT+1)**

Day-2 **Primary** Link: [meet.google.com/btk-civh-uz](https://meet.google.com/btk-civh-uz)

Day-2 **Backup** Link: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_YWY0NTgwMTAtM2E0NC00MTNiLWl0NGYtYTUxYjhhY2RkZWU2%40thread.v2/0?context=%7b%22Tid%22%3a%229e6a47d3-2795-4b97-9e52-78b1060629f1%22%2c%22Oid%22%3a%22f023df1b-1d25-4ea5-a575-51a0fea6a4f7%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_YWY0NTgwMTAtM2E0NC00MTNiLWl0NGYtYTUxYjhhY2RkZWU2%40thread.v2/0?context=%7b%22Tid%22%3a%229e6a47d3-2795-4b97-9e52-78b1060629f1%22%2c%22Oid%22%3a%22f023df1b-1d25-4ea5-a575-51a0fea6a4f7%22%7d)

Time	Session	Session Details
09:00-09:40	Keynote Speech	<b>Prof. Bekim Fetaji, Professor of Informatics, Mother Teresa University (MTU) – Skopje, North Macedonia.</b>  “Development Analysis and Measurement of The Individual Pollution Indicator Model Using a Software System”
09:40-10:20	Keynote Speech	<b>Professor Dimitrios A. Karras, National and Kapodistrian University of Athens (NKUA), Dept. General, Hellas and Lecturer Arden Univ., Berlin, Germany.</b>  “Advances in Multi-sensor Data Fusion for High Performance Surveillance”
10:20-11:20	Workshop	<b>Professor Dimitrios A. Karras, National and Kapodistrian University of Athens (NKUA), Dept. General, Hellas and Lecturer Arden Univ., Berlin, Germany.</b>  “Path and motion planning algorithms for autonomous vehicles and robots”

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<b>11:20- 12:20</b>	<b>Track-3: Networking, Pervasive Computing and Internet of Things (IoT), Session Chair: Prof. Betim Çiço</b>			
	<b>Time</b>	<b>Paper ID</b>	<b>Presenting Author</b>	<b>Paper Title</b>
	11:20-11:40	13	Yuto Ito	Realization of per-resource server push using RFC 8030 and Push API
	11:40-12:00	26	Mst. Surma Khatun	Lightweight Blockchain of Things (BCoT) Architecture for Enhanced Security: A Literature Review
	12:00-12:20	21	Tea Osmëni	Exploration of the Attacking Web Vectors
<b>12:20-13:50</b>	<b>Lunch Break: Open Discussion/ Virtual Networking</b>			
<b>13:50-14:50</b>	<b>Track-4: Computing and IT, Session Chair: Prof. Betim Çiço</b>			
	<b>Time</b>	<b>Paper ID</b>	<b>Presenting Author</b>	<b>Paper Title</b>
	13:50-14:10	15	Artan Hysa	Land Suitability Analysis for PV Investments using Geographical Information Systems (GIS): Case of Vjosa Watershed
	14:10-14:30	20	Fei Xie	A Demosaicing Algorithm Based on Local Directional Gradients for Polarization Image
	14:30-14:50	25	Majlinda Fetaji	Analysis and Performance Evaluation of E-Commerce Implementation
<b>14:50-15:50</b>	<b>Workshop</b>	<b>Ms Eriselda Goga, Assistant Lecturer, EPOKA University, Albania.</b>		
		<b>“Freefem++, a PDEs solver”</b>		
<b>15:50-16:00</b>	<b>Declaration of Best Paper Awards and Closing Speech</b>			
<b>16:00</b>	<b>End of Day 2 and the Conference</b>			