

Parallel Session Day 1
Wednesday, 27th October 2021

Track 1 - ICT for empowering Human Resources in Rural development (HR)			
Session Chair: Ir. Satriyo Dharmanto, M.Si			
Time	Paper ID	Paper Title	Authors
13:00 - 13:20	1570752128	Mapping Digital Talent Based On Competency Using Social Network Analysis	Ratri Wahyuningtyas; Andry Alamsyah; Nabila Ammara Diliana
13:20 - 13:40	1570759995	Digital Talent Management Model for Smart Village in Indonesia	Rosita Novi Andari; Susy Ella
13:40 - 14:00	1570762734	Effectiveness of Digital Marketing Training to Scale up Micro Industries of Former Migrant Workers	Sofiatul Hasanah; Emyana Ruth Eritha Sirait; Annisa Muthia Yana Ariyanti
14.00 - 14:20	1570760026	Usability Evaluation of the Participatory-based KMS Sawit Mobile Application	Irman Hermadi; I Nyoman Rai Widartha Kesuma ; Yani Nurhadryani; Auzi Asfarian
14:20 - 14:40	1570739445	Using Gamification and Andragogy Principle in Mobile Online Discussion to Improve User Engagement	Abdul Azis ; Ratu Syafianisa Nuzulismah; Dana Indra Sensuse; Ryan Randy Suryono; Kautsarina Kautsarina
14:40 - 15.00	1570761751	Optimization of Digital Media to Escalate the Acceptance Level of Workforce Skills Information	Cut Medika Zellatifanny; Qur'ani Dewi K. W ; Yan Andriariza A.S
15.00 - 15.20	1570759468	Investigating the Effect of Digital Mastery and Learning Culture in Oil Palm Plantations	Nopriadi Saputra ; Irvan Prama Devindal
15.20 - 15:40	1570738386	Self-directed Capability Learning, Heutagogy and Productivity of Retirees Moderating by ICT	Alex Winarno ; Mochamad Naim; Ahmad Kultur Hia; Deni Hermana
15:40 - 16.00	1570762729	Analysis of ICT Training in Empowering Ex-Migrant Workers in Desmigratif Villages	Rieka Mustika; Lidya Agustina ; Annisa Muthia Yana Ariyanti
16.00 - 16.20	1570759416	The dynamic of digital skills demands-An analysis on three job marketplace platforms	Gati Gayatri ; Willy Wize A. Z
16.20 - 16.40	1570744926	Identifying Personality of the New Job Applicants Using the Ontology Model on Twitter Data	Muhammad Farras Geovanni ; Andry Alamsyah; Nidya Dudija
16.40 - 17.00	1570753857	Analysis of Utilization of UGTV as A Distance Learning Media during the Covid 19 Pandemic	Rida Anjani ; Teddy Oswari; Ira Windarti; Amri Dunan

Track 2: Digital Economy and Ecosystem for rural development (DE)

Session Chair: Dr. Ir. Ashwin Sasongko. S. M.Sc

Time	Paper ID	Paper Title	Authors
13:00 - 13:20	1570753120	Deployment of 5G NR at mmWave Frequency for Mobile Network in Indonesia's Urban Market	Muhammad Imam Nashiruddin; Putri Rahmawati ; Muhammad Adam Nugraha; Akhmad Akhmad
13:20 - 13:40	1570752078	Implementation of Blockchain-based Electronic Waste Management System with Hyperledger Fabric	Teuku Salman Farizi ; Riri Fitri Sari
13:40 - 14:00	1570753854	Factors Influencing Consumer Intention in Indonesia to Utilize E-Marketplace of Agricultural	Teddy Oswari ; Reni Diah Kusumawati; Tristyanti Yusnitasari; Himanshu Dutt; Amri Dunan
14.00 - 14:20	1570752329	Comparison Deep learning Architectures for Identification of chili Varieties	Wiwin Suwarningsih ; Andria Arisal; Devi Munandar; Purnomo Husnul Khotimah; Dianadewi Riswantini; Andri Fachrur Rozie; Ekasari Nugraheni; Rinda Kirana
14:20 - 14:40	1570759862	Performance Analysis of Adaptive Data Rate Scheme at Network-Server Side in LoRaWAN Network	Alfian Ilarizky ; Azis Kurniawan; Erlangga Putro Subagyo; Ruki Harwahyu; Riri Fitri Sari
14:40 - 15:00	1570745195	River Water Pollutant Level Monitoring System using Websocket Protocol and LoRa Communication Module	Heru Nurwarsito; Rizal Chrsitian
15.00 - 15:20	1570747234	Challenge handling flood disaster by recommendation system with Analytical Hierarchy Process Methods	Nurul Maulidina Kelana; Purnawarman Musa; Amri Dunan
15.20 - 15:40	1570757510	Evaluation of the Effectiveness of E-Commerce in the Digital Village Program in West Java Province	Hana Kamila Adiningtyas, Jr ; Dadang Gunawan
15:40 - 16:00	1570753214	Analysis of the AODV Protocol with Prediction Node Trend and Static Intersection Node on the VANET	Heru Nurwarsito; Johanes Carela Jefta
16.00 - 16:20	1570761687	IDNat-Blockchain: A Concept for Indonesia's National Blockchain	Dea Saka Kurnia Putra ; Antonius Alfari

Track 3 - Social and Cultural Implications of ICT for Rural Development (SC)

Session Chair: Agus Fanar Syukri, Ph.D

Time	Paper ID	Paper Title	Authors
13:00 - 13:20	1570744640	Providing Smart Monitoring System Mobile Apps to Supports Groupers Cultivator	Irman Hermadi; Afriyadi Yanuar Rahmadani; Auzi Asfarian ; Irzal Effendi
13:20 - 13:40	1570740236	Effectiveness of Gamification in mHealth Apps Designed for Mental Illness	Imam Setyo Santoso ; Alex Ferdinansyah; Dana Indra Sensuse; Ryan Randy Suryono; Kautsarina Kautsarina; Achmad Nizar Hidayanto
13:40 - 14:00	1570755986	Should we collaborate electronically? A strategy to boost rural tourism in the COVID-19 pandemic	Mardiana Purwaningsih ; Betty Purwandari; Achmad Nizar Hidayanto
14:00 - 14:20	1570760505	The Potential Implementation of Telemedicine in Frontier, Outmost, and Underdeveloped Region of Indonesia	Riva'atul Adaniah Wahab ; Qur'ani Dewi Kusumawardani; Feki Pangestu Wijaya
14:20 - 14:40	1570756424	Digital Transformation: The Approach to Society 5.0 in Indonesia	Ni Made Arini Wijayanti Putri
14:40 - 15:00	1570752308	Projecting Social Networks in Dynamic Environments for Tracking Purposes	Mafaz Alanezi; Basim Mahmood
15:00 - 15:20	1570744022	Measuring The ICT Development of Rurals in Banyuwangi, Indonesia	Thita Moralitha Mazya ; Lala M Kolopaking
15:20 - 15:40	1570754912	Internet penetration as a driver for village's business-economics activities	Gunawan Gunawan
15:40 - 16:00	1570759715	Responsibility and Accountability Matrix of Software Lifecycle Process	Nur Indrawati ; Dewi Hernikawati; Yan Ambhita Sukma
16:00 - 16:20	1570760255	Structuration and Construction Socio-Techno in Osing Smart Village, Banyuwangi, Indonesia	Ananda Dwitha Yuniar ; Fitriatul Hasanah