

Technical Program Schedule (Times in Local Western Indonesia Time)

DAY 1 (29 September 2021)

Time	Description	Zoom	
08:00 – 08:30	Registration	AIC	
08:30 – 08:45	Opening by MC & Prayers (Reciting Qur'an, SeulawatBadar, Pray)	AIC	
08:45 – 08:55	Singing the National Anthem of Indonesia (Indonesia Raya)	AIC	
08:55 – 09:00	Profile of Universitas Syiah Kuala	AIC	
09:00 – 09:10	Welcoming Remark by the Conference Director (Dr. Iskandar Abdul Samad, S.Pd., M.A.)	AIC	
09:10 – 09:20	Welcoming Remark by the Rector of Universitas Syiah Kuala (Prof. Dr. Ir. Samsul Rizal, M.Eng.)	AIC	
09:20 – 09:30	Photo session and break	AIC	
09:30 – 10:15	Prof. Siti Azizah Mohd Nor (Universiti Malaysia Terengganu, Malaysia) “DNA barcoding” interpreting molecular evidence towards sustainable utilization of natural resources”	AIC Moderator: Elizar, Ph.D.	
10:15 – 11:00	Prof. A. Min Tjoa (Vienna University of Technology, Vienna)		
11:00 – 11:30	Discussion	AIC	
11:30 – 12:15	INVITED SESSION (Parallel) and Discussion	Drs. Hawis Madduppa, B.Sc., M.Sc. (Institut Pertanian Bogor, Indonesia) “Exploring health of the ocean ecosystem using hybrid nextgen biomonitoring”	SE Moderator: Dr. Nur Fadli, S.Pi., M.Sc.
		Prof. Amirul Mukmininin, S.Pd., M.Sc.Ed., Ph.D. (Universitas Syiah Kuala, Indonesia) “Research on Social Sciences during the Rapid, Unpredictable, and 'Forced' Transition of the Covid-19 Pandemic: Complex Challenges and Unexpected Opportunities”	SS Moderator: Dr. Ratna Mulyany, BACC, MSACC
		Prof. Dr. Muhammad Roil Bilad (Universiti Brunei Darussalam, Brunei Darussalam) “Fabrication, properties, and application of polymeric permeable film for sustainable process”	SE Moderator: Dr. Eng. Ir. Sugiarto, S.T., M.Eng, IPM
12:15 – 13:30	Break	AIC	
13:30 – 15:00	Parallel Session 1	SE/SS/ELS	
15:00 – 16:00	Parallel Session 2	SE/SS/ELS	
16:00 – 16:30	Break	AIC	
16:30 – 18:00	Parallel Session 3	SE/SS/ELS	

DAY 2 (Thursday, 30 September 2021)

Time	Description	Zoom
08:00 – 08:15	Registration	AIC
08:15 – 10:00	Parallel Session 4	SE/SS/ELS
10:00 – 11:00	Parallel Session 5	SE/SS/ELS
11:00 – 11:45	Prof. Dr Michele Notari (University of Teacher Education, Switzerland) “Technology and education → Teacher matters”	AIC Moderator: Dr. Iskandar Abdul Samad, S.Pd., M.A.
11:45 – 12:00	Discussion	AIC
12:00 – 13:30	Break	AIC
13:30 – 14:30	Parallel Session 6	SE/SS/ELS
14.30 – 15.00	Exhibition PRP-PMRI	PRP-PMRI
15.30 – 15.50	Announcement of best papers and best presenters	AIC
15:50 – 16:00	Closing remark by the head of Institute for Research and Community Services (Prof. Dr. Taufik Fuadi Abidin , S.Si., M.Tech.)	AIC

Parallel Session Schedule (Oral Presentation) (Times in Local Western Indonesia Time)

Room ELS 1

Time : **September 29, 2021 / 13:30 – 15:00 WIB**
Session Chair (Moderator) : **Ardian Damora, S.Pi, M.Sc**

Time	Papers and Presenters	Paper Code
13:30 – 13:40	Comparison of flavonoid content and antioxidant activity of two varieties roselle (<i>Hibiscus sabdariffa</i> L.) calyces N Nerdy, B R Barus, H J El-Matury, S Ginting, N F Zebua, T K Bakri	4246
13:40 – 13:50	Discriminant analysis as a tool to identify <i>Euthynnus affinis</i> (Kawakawa) (Cantor, 1849) from Peninsular Malaysia Khaled Binashikhbubkr, Darlina Md. Naim	4364
13:50 – 14:00	The biodiversity richness of mollusca species in Lanaga waters Meureubo subdistrict, Aceh Barat regency Aceh province M Ali S, Muhammad Rizal, Ika Kusumawati, Asri Mursawal, Rudi Hermi and Zulfikar	4379
14:00 – 14:10	Potential of peat soil carbon storage in natural forests in the Tripa peat swamp region, Aceh Barat Daya regency Ikhlas Wahid, Djufri, Supriatno, Abdullah, Samingan, Zulfikar	4409
14:10 – 14:20	The structure community of zooplankton and environmental conditions of the Kalimireng river estuary, Gresik, East Java U Yanuhar, M Musa, A Oktaviana, N S Junirahma and N R Caesar	4446
14:20 – 14:30	Growth and survival rate of freshwater lobster (<i>Cherax quadricarinatus</i>) fed different forage feed A P A Samad, M F Isma, E Ayuzar, Ilhamdi, R Humairani and F Santi	4451
14:30 – 14:40	The addition of nutmeg (<i>Myristica fragrans</i>) essential oil to intensify the aroma as a replacement of rum considering halal supply chain for cookies that use durian (<i>Durio zibethinus</i>) seeds waste-based flour to create sustainable advantages Z Mahyiddin, Indani, L Suhairi, Z Ulya, Z Munanda	4459
14:40 – 14:50	The human-elephant conflict: mapping the elephant area and the level of conflict vulnerability in the Mila Landscape, Pidie District, Aceh, Indonesia Abdullah Abdullah, Risa Rachmawaty, Khairil Khairil, Devi Syafrianti, Asiah M.Daud and Zulfikar Zulfikar	4467

Room ELS 1

Time : **September 29, 2021 / 15:00 – 16:00 WIB**
Session Chair (Moderator) : **Ardian Damora, S.Pi, M.Sc**

Time	Papers and Presenters	Paper Code
15:00 – 15:10	Grade of hypertension in relation to body mass index and physical activity S Sofia, N Nurjannah, R Idayati	4626
15:10 – 15:20	Analysis of clinical symptoms in workers and community around small scale gold processing areas Lensoni, Adlim, H Kamil, T Karma and Suhendrayatna	4450

15:20 – 15:30	Complimentary and alternative medicine for atopic dermatitis: an update Meutia Sara, Faridha Ilyas, Kartini Hasballah, Nurjannah Nurjannah, Mudatsir Mudatsir	4456
15:30 – 15:40	The importance of understanding and monitoring cytokines and chemokines responses after influenza vaccination Nur Wahyuniati, Coriejati Rita, Dzulfikar DLH, Dwi Agustian, Agnes Rengga Indrati	4457
15:40 – 15:50	Disseminated histoplasmosis in HIV-infected patients who have not received antiretroviral therapy Masra Lena Siregar, Robert Sinto	4458
15:50 – 16:00	Review article : effectivity of chlorogenic acid in green coffee for human health Aliyah Fahmi	4494

Room ELS 1

Time : **September 29, 2021 / 16:30 – 18:00 WIB**
Session Chair (Moderator) : **Ardian Damora, S.Pi, M.Sc**

Time	Papers and Presenters	Paper Code
16:30 – 16:40	Acanthaster coral predator density in the Pulau Dua area, Aceh Selatan Rikha Zulia Ningsih, Ismul Huda, M. Ali Sarong and Hajrajul Fitri	4530
16:40 – 16:50	Identification of antioxidant components of Gayo arabica coffee cascara using the GC-MS method W Lestari, K Hasballah, M Y Listiawan & S Sofia	4563
16:50 – 17:00	Sensory evaluation of food combination products from banana and sweet potato flour as a healthy food Safrida Safrida, Yuli Heirina, Nonong Noviasyah	4571
17:00 – 17:10	Evaluation of consumer acceptance and nutritional value of opak crackers with the addition of triggerfish (<i>Canthidermis maculata</i>) Suryati Sufiat, Indani, Ulil Azmi and Safrida S	4646
17:10 – 17:20	Natural dilution and distribution of ammonia of groundwater in Kuta Alam sub-district, Banda Aceh city 16 years post tsunami Syahril Siddiq, Saiful, Nasrul Arahman	4693
17:20 – 17:30	Biodiversity of commercially important groupers (Epinephelidae) in Aceh, Indonesia: an update Nur Fadli, Adrian Damora, Zainal Abidin Muchlisin, Irma Dewiyanti, Mutia Ramadhaniaty, Firman M. Nur, Agung S. Batubara, Nanda Muhammad Razi, Edison D. Macusi and Mohd N. Siti-Azizah	4700
17:30 – 17:40	Application of non-equilibrium surplus production model on black tiger shrimp <i>Penaeus monodon</i> fishery in the eastern coast of Aceh A Damora, R Rizal, Z Zuhdi, N Fadli, A Suman	4701
17:40 – 17:50	Expression of transforming growth factor beta 1 (tgf- β 1) in the healing process of a mouse achilles tendon rupture (<i>Rattus Novergicus</i>) given platelet-rich plasma Ricky Aldofan, Zulkarnaini, Dasrul, Jufriady Ismi, Safrizal Rahman, T. Nanta Aulia	4707
17:50 – 18:00	The effect of gelatine sponge on epidural adhesion post craniectomy surgery in white rats (<i>Rattus Novergicus</i>) Mayenru Dwindra, Iskandar, Erwin, Jufriadi Ismy, Imam Hidayat, Muhammad Yusuf	4708

Room ELS 1

Time : **September 30, 2021 / 08:15 – 10:00 WIB**

Session Chair (Moderator) : **Sri Agustina, S.Si, M.Sc**

Time	Papers and Presenters	Paper Code
08:15 – 08:25	Mental health of healthcare workers in Aceh, Indonesia during covid-19 pandemic N Nurjannah and Z Zahra	4532
08:25 – 08:35	Vegetation analysis of the forest ark of Pocut Meurah Intan (THRPMI), Seulawah Subdistrict of Aceh Besar, Aceh Province Djufri, Hasanuddin, Abdullah and V R Puspa	4551
08:35 – 08:45	Descriptive analysis of food hygiene and sanitation (FSH) practices performed by the food courier during the beginning of COVID-19 pandemic in Greater Jakarta: an online study Prisca Petty Arfines, Nurillah Amaliah, Indri Yunita Suryaputri	4568
08:45 – 08:55	Identification for genetic factors that contribute to adolescent idiopathic scoliosis Teuku Nanta Aulia, Djufri, Luthfi Gatam, Aman Yaman	4614
08:55 – 09:05	Radiosensitivity of chromosomes 1 and 4 in human peripheral blood lymphocytes from a single donor living in an area with high concentrations of environmental radon D Ramadhani, S Purnami, V A Suvifan, D Tetriana, M. Syaifudin	4627
09:05 – 09:15	The effect of oral glucose administration before surgery based on enhanced recovery after surgery (eras) protocol on preventing insulin resistance and patient's quality of life Jufriady Ismy, Indra Wisesa, Muhammad Yusuf, Iflan Naufal, Imam Hidayat, Muslim	4683

Room ELS 1

Time : **September 30, 2021 / 10:00 – 11:00 WIB**

Session Chair (Moderator) : **Sri Agustina, S.Si, M.Sc**

Time	Papers and Presenters	Paper Code
10:00 – 10:10	Classification of ethanol leaves extracts of kitolod (<i>Isotoma longiflora L</i>) from different origin locations using infrared spectroscopy and chemometrics Eva Imelda, Rinaldi Idroes, Taufik Karma, Khairan Khairan, Rodiah Rahmawaty Lubis	4554
10:10 – 10:20	Cytotoxic activity from flower extracts of <i>Calotropis gigantea L</i> Kartini Hasballah, Murniana and Khairan	4472
10:20 – 10:30	Diagnostic tools of total bilirubin levels for diagnosis of complicated appendicitis Abdurrahim Maulana, Ferry Erdani, Jufriady Ismy, Imam Hidayat, Muhammad Yusuf, Khalikul Razi	4704
10:30 – 10:40	Sardjito score accuracy value in enforcing covid-19 diagnosis in surgical patients in general hospital dr. zainoel abidin Banda Aceh Yudi Nugraha, Safrizal Rahman, Jufriady Ismy	4706