

Conference Programs

2nd International Conference on Security in Food, Renewable resources, and Natural Medicines (SFRN) 2018

Day-1
Convention Hall, Universitas Andalas, 25 October 2018

No	Time	Activities
1	07.00-08.00	Registration
08.00-08.30		
Opening Ceremony Venue: Convention Hall, Andalas University MC: TBA		
2	08.00-08.15	Recital of the Holy Quran
3		<i>Indonesia Raya</i> (National Anthem)
4		Welcome Dance " <i>Tari Pasambahan</i> "
5	08.15-08.18	Welcome Message from Conference Chair (Dr. Eng. Muhammad Makky)
6	08.18-08.21	Welcome Speech from Head of Institute for Research and Community Services Andalas University (Dr.-Ing. Uyung Gatot S. Dinata)
7	08.21-08.23	Remarks from the Director of Politani Pertanian Negeri Payakumbuh (Ir. Elvin Hasman, MP)
8	08.23-08-26	Note from PERTETA-Indonesian Society of Agric. Engineering
9	08.25-08.30	Opening Ceremony by Rector of Andalas University (Prof. Tafdil Husni, SE. MBA. Ph.D)
08.30-10.30		
Plenary Session Venue: Convention Hall, Andalas University MC: Yesi Puspita		
9	Session Chair: TBA	
	08.30 - 09.00	Prof. Dr. Konstantinos A. Paschalidis Technological Educational Institute of Crete School of Agricultural Technology & Food Technology GREECE "Nitrogen Flow and Polyamines in Plant Abiotic Stress"
	09.00 - 09.30	Prof. Dr. Eiji Morimoto Tottori University Faculty of Agriculture Laboratory of Bio-systems Engineering, JAPAN "Cyber Physical Techniques to Precision Agriculture in Japan".
	09.30 - 10.00	Dr. -Ing. Uyung Gatot S. Dinata Head, Institute for Research and Community Services Andalas University, INDONESIA "Regional Innovation System For Agricultural Industry In West Sumatra"
	10.00 - 10.30	Dr. M. R. Sanjay Department of Mechanical Engineering, M S Ramaiah Institute of Technology, INDIA "Cellulose Nanofibers"

No	Time	Activities
10.30 – 10.45		Coffee Break Chorus Performance By UKOS UNAND
10.45 – 12.15		Parallel Sessions 1 Venue: Convention Hall, Parallel Rooms No. 1-5 Andalas University
Food Production, Post-Harvest and Agricultural Engineering: Room 1		
10.45 – 10.55		O-714/UA/PLT/IC-SFRN 2018 Simultaneous Removal of Ammonium and Phosphorous from Cow Farm Wastewater by Struvite Precipitation Method
10.55 – 11.05		O-715/UA/PLT/IC-SFRN 2018 Drying Air Temperature Profile of Independent Hybrid Solar Dryer for Agricultural Products in Respect to Different Energy Supplies (a Research Note)
11.05 – 11.15		O-716/UA/PLT/IC-SFRN 2018 Observed Performances of the Hybrid Solar-Biomass Dryer for Fish Drying
11.15 – 11.25		O-721/UA/PLT/IC-SFRN 2018 Fish Bone Gelatine Hydrolisates from Pangasius catfish as Dipeptidyl Peptidase IV (DPP-IV) Inhibitor
11.25 – 11.35		O-762/UA/PLT/IC-SFRN 2018 Application of field monitoring system (fms) on system of rice intensification (sri) methods to support precision agriculture in indonesia
11.35 – 11.45		O-782/UA/PLT/IC-SFRN 2018 Development of Cost-Effective Plant Monitoring System to Study the Circadian Rhythms Behaviour
11.45 – 11.55		O-784/UA/PLT/IC-SFRN 2018 Shells Of Palm Oil For Coating Of Coal Briquete For Initial Burning Easily
11.55 – 12.15		Interactive Q & A Session
Health and Natural Medicines: Room 2		
10.45 – 10.55		O-708/UA/PLT/IC-SFRN 2018 Effectiveness Using Gabapentin Toward Pain Intensity Decreased & Life Quality Of Diabetic Neuropathy Patients At Neurology Unit – Regional Public Hospital, West Nusa Tenggara Province
10.55 – 11.05		O-709/UA/PLT/IC-SFRN 2018 Gelatin as Natural Compound and Its Proportion-Ratio with Gliptins to Dipeptidyl Aminopeptidase IV Inhibition
11.05 – 11.15		O-745/UA/PLT/IC-SFRN 2018 Change in the Behavior of Swiss Webster Male Mice (mus musculus l.) With the Provision of Health Drink of Sea Cucumber Ginger Coffee (KOTEJA)
11.15 – 11.25		O-785/UA/PLT/IC-SFRN 2018 Application of Nanocrystalline Cassava and Sago Starches for Encapsulation of Temulawak Extract
11.25 – 11.35		O-707/UA/PLT/IC-SFRN 2018 Identification of Water Safety in The City of Bukittinggi: Vulnerability to Climate Change and Population Growth
11.35 – 11.45		O-713/UA/PLT/IC-SFRN 2018

No	Time	Activities
		Environmental and Behavior Conditions That Affect Malaria Events in Padang City
11.45 – 11.55		O-723/UA/PLT/IC-SFRN 2018 Evaluation of Lipid Profile and Liver Function After Administration of Scenedesmus Dimorphus In Obese Mice
11.55 – 12.15		Interactive Q & A Session
Agri-food System: Room 3		
10.45 – 10.55		O-759/UA/PLT/IC-SFRN 2018 Utilization of Palm Oil Empty Fruit Bunch (EFB): Growth and Characteristics of Oyster Mushroom (<i>Pleurotus ostreatus</i>) on EFB Media Containing Various addition of Rice Bran
10.55 – 11.05		O-775/UA/PLT/IC-SFRN 2018 Physical Characteristics of Rice Straw Pellets
11.05 – 11.15		O-776/UA/PLT/IC-SFRN 2018 Host plants for adult beetles, <i>Leucopholis zollantans</i> Suparno (Coleoptera: Scarabaeidae) associated with El Ninoin Bengkulu, Indonesia
11.15 – 11.25		O-802/UA/PLT/IC-SFRN 2018 Effects of Regulated Irrigation and Organic Fertilizer Applications on Growth of Organic Red Lettuce (<i>Lactuca sativa</i> L.)
11.25 – 11.35		O-818/UA/PLT/IC-SFRN 2018 Analysis of stomatal aperture and leaf area index in different rice varieties with shallow water depth irrigation
11.35 – 11.45		O-757/UA/PLT/IC-SFRN 2018 Effect of Environmental Conditions on Anthocyanin Stability of Purple Sweet Potato
11.45 – 11.55		O-749/UA/PLT/IC-SFRN 2018 Cytotoxic Liquid Smoke of Cocoa Skin (<i>Theobroma Cacao</i> , L) on Different Moisture Content
11.55 – 12.15		Interactive Q & A Session
Digital Socio-Economic Enterprise: Room 4		
10.45 – 10.55		O-751/UA/PLT/IC-SFRN 2018 Institutional Development and Empowerment of Poor Households Through The Role of Social Capital to Enhance Agricultural Productivity
10.55 – 11.05		O-754/UA/PLT/IC-SFRN 2018 Availability of raw materials, added value, and nutrients content of fruits food processing product specific locatioan in bengkulu province
11.05 – 11.15		O-767/UA/PLT/IC-SFRN 2018 Empowerment of Small Businesses and Islamic Financing in Pasuruan Regency a Devout of Islamic Culture
11.15 – 11.25		P-778/UA/PLT/IC-SFRN 2018 Determination of the business development strategy using swot, and ahp: a case study of putri bengkulu calamansi syrup industry
11.25 – 11.35		O-790/UA/PLT/IC-SFRN 2018 Value added of Palm Oil Empty Fruit Bunch (EFB) in producing Oyster Mushroom (<i>Pleurotus ostreatus</i>) and its Spent-Media Compost
11.35 – 11.45		P-806/UA/PLT/IC-SFRN 201

No	Time	Activities
		Structure and Behaviour Market Analysis of Priority Vegetables In Lima Puluh Kota Regency, West Sumatera
11.45 – 11.55		O-816/UA/PLT/IC-SFRN 2018 Study of hydraulic and capacities analysis flowing section way kuripan river to the flood disaster in bandar lampung area based on hec - ras
11.55 – 12.15		Interactive Q & A Session
Cross-cutting study: Room 5		
10.45 – 10.55		O-760/UA/PLT/IC-SFRN 2018 Chemical Cross-linking of Starch and Chitosan to Produce Biohydrogel
10.55 – 11.05		O-763/UA/PLT/IC-SFRN 2018 Physical properties of dried goat milk mixed sugar from drying process using conduction method
11.05 – 11.15		O-779/UA/PLT/IC-SFRN 2018 Groundwater Utilisation to Support Fodder Cultivation Development
11.15 – 11.25		O-794/UA/PLT/IC-SFRN 2018 Performance Analysis of Water Users Association (P3A) on Kedung Putri Irrigation System by Using K-Medoids Clustering Method
11.25 – 11.35		O-719/UA/PLT/IC-SFRN 2018 Biological testing of supplementation of Vitamin E for the broodstock of female blue swimming crabs, Portunus pelagicus (Linnaeus, 1758)
11.35 – 11.45		O-722/UA/PLT/IC-SFRN 2018 Solution of Matrix Equation $AX - YB = C$
11.45 – 11.55		O-729/UA/PLT/IC-SFRN 2018 Saving Environment Trough Monitoring and Evaluation Commercial Insecticide "KB" Against German Cockroaches (Blattella germanica L.) (Blattodea: Blattellidae) Bukittinggi Origin
11.55 – 12.15		Interactive Q & A Session
12.15 – 13.30		Lunch Break Performance By UKOS UNAND
13.30 – 15.00		Parallel Sessions 2 Venue: Convention Hall, Parallel Rooms No. 1-5, Andalas University
Food Production, Post-Harvest and Agricultural Engineering: Room 1		
13.30 – 13.40		O-788/UA/PLT/IC-SFRN 2018 Size Estimation of Fermented Cocoa Grain with Image Processing
13.40 – 13.50		O-791/UA/PLT/IC-SFRN 2018 Development of Region Based Mechanization Model for Rice Production System in Banyumas District, Central Java: Performance of Agricultural Machinery Custom Hiring (UPJA) as Main Driver of Mechanization Model
13.50 – 14.00		O-801/UA/PLT/IC-SFRN 2018 Development of smartphone-based application to determine color additives in food products
14.00 – 14.10		O-804/UA/PLT/IC-SFRN 2018 Design and test performance of cassava stems chopper type tep-1
14.10 – 14.20		O-813/UA/PLT/IC-SFRN 2018

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		Current Progress on Technical Adaptability Study of Korean-Made Agricultural Machinery in Indonesia
14.20 – 14.30		O-774/UA/PLT/IC-SFRN 2018 Support Vector Machine based on physical defects beans recognition
14.30 – 14.40		O-710/UA/PLT/IC-SFRN 2018 Performance Test and Characteristics of Methyl Ester from Pyrolysis Process of Rice Husk
14.40 – 15.00		Interactive Q & A Session
Health and Natural Medicines: Room 2		
13.30 – 13.40		O-726/UA/PLT/IC-SFRN 2018 The Effect Of Cane Milling Technology On Safety Of Brown Sugar (SAKA) Consumption (A Case Study In West Sumatera)
13.40 – 13.50		O-730/UA/PLT/IC-SFRN 2018 Effect of Banyan Leaves (<i>Ficus benjamina</i> L.) Ethanol Extract on Pancreatic β Cells of <i>Mus musculus</i> Induced by Alloxan
13.50 – 14.00		O-732/UA/PLT/IC-SFRN 2018 The Self-Cleansing Effect of Chewing Cheidar Cheese on the Debris Index
14.00 – 14.10		O-735/UA/PLT/IC-SFRN 2018 Isolation Of Edible Fiber From Jicama (<i>Pachyrhizus erosus</i>) And Its Beneficial Effect In Regulating Blood Glucose Homeostasis
14.10 – 14.20		O-742/UA/PLT/IC-SFRN 2018 Traditional Food Of Boyom To Support Of Healthy Life From District Pasaman West Sumatera
14.20 – 14.30		O-744/UA/PLT/IC-SFRN 2018 Environmental Health Risk Level of Settlement At Batang Arau River Basin (DAS) Based On the Aspect of Sanitation Facilities
14.30 – 14.40		O-752/UA/PLT/IC-SFRN 2018 Isolation Of Edible Fiber From Jicama (<i>Pachyrhizus erosus</i>) And Its Beneficial Effect In Regulating Blood Glucose Homeostasis
14.40 – 15.00		Interactive Q & A Session
Agri-food System: Room 3		
13.30 – 13.40		O-720/UA/PLT/IC-SFRN 2018 Consortium of endophytic bacteria as biological control of disease and plant growth promotion of rice (<i>Oryza sativa</i> . L)
13.40 – 13.50		O-725/UA/PLT/IC-SFRN 2018 Supply Response of Gambir Product (A Case Study In West Sumatera Province, Indonesia)
13.50 – 14.00		O-727/UA/PLT/IC-SFRN 2018 Production Of Secondary Metabolite From <i>Trichoderma</i> spp And Its Potential For Inhibiting The Growth Of <i>Colletotrichum Gloeosporoides</i> Caused Antracnose Disease On Chili
14.00 – 14.10		O-764/UA/PLT/IC-SFRN 2018 The potential of formulation cow manure and plant growth promoting rhizobacteria to growth of cocoa seedling in greenhouse
14.10 – 14.20		P-768/UA/PLT/IC-SFRN 2018

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		The study of various compositions of biological fertilizer in liquid organic fertilizer on biological liquid organik fertilizer quality
14.20 – 14.30		P-769/UA/PLT/IC-SFRN 2018 Isolation of phosphate solubilizing and nitrogen fixation indigenous bacteria from golden snail, bamboo shoots , banana stump and mass production on alternative media
14.30 – 14.40		P-780/UA/PLT/IC-SFRN 2018 The effect of harvest time on production and level of inulin of fresh consumption yam bean tubers
14.40 – 15.00		Interactive Q & A Session
Digital Socio-Economic Enterprise: Room 4		
13.30 – 13.40		O-826/UA/PLT/IC-SFRN 2018 Utilization of Pineapple Leaves As Fiberboard Raw Material With Organic Adhesive
13.40 – 13.50		O-701/UA/PLT/IC-SFRN 2018 G Graph Reduction Procedure for Indonesian Population Projection
13.50 – 14.00		O-705/UA/PLT/IC-SFRN 2018 Analysis of the Effect of Compensation and Social Capital on Household Welfare of Involuntary Resettlement Program in Tanjung Pauh and Tanjung Balik Village of West Sumatera
14.00 – 14.10		O-724/UA/PLT/IC-SFRN 2018 Rice as threats to household food security in Mentawai
14.10 – 14.20		O-728/UA/PLT/IC-SFRN 2018 Analysis Production Efficiency of Rice Paddy Farm in Agam Regency, West Sumatra
14.20 – 14.30		O-731/UA/PLT/IC-SFRN 2018 Energy Farming: An Economic Perspective
14.30 – 14.40		O-736/UA/PLT/IC-SFRN 2018 Strengthening Social Institution As A Means Of Development And Empowerment Of Pauh Communities In Koita Padang
14.40 – 15.00		Interactive Q & A Session
Cross-cutting study: Room 5		
13.30 – 13.40		O-737/UA/PLT/IC-SFRN 2018 Susceptibility Status and Detection Mutation of ace-1 gene Aedes aegypti Larvae Against Temephos in Salido, West Sumatera
13.40 – 13.50		O-738/UA/PLT/IC-SFRN 2018 Resistance and Acetylcholinesterase Enzyme Activity of Aedes aegypti Larvae Against Temephos in Pariaman
13.50 – 14.00		O-739/UA/PLT/IC-SFRN 2018 Ethobotany and Ethnoecology Study in Pumonean at Siberut, Mentawai Island, Indonesia
14.00 – 14.10		O-740/UA/PLT/IC-SFRN 2018 Detection of Acetylcholinesterase (AChE) Enzyme for Propoxur Resistance in Blattella germanica L. (Dictyoptera: Blattellidae)
14.10 – 14.20		O-741/UA/PLT/IC-SFRN 2018 Susceptibility Status of Adult and Nymphs Stages of German Cockroaches (Blattella germanica L.) against Fipronil Insecticides from Several Regions in Indonesia

No	Time	Activities
14.20 – 14.30		O-743/UA/PLT/IC-SFRN 2018 Tlipase Enzyme Activity of Potential Isolate from Galamai Left Over
14.30 – 14.40		O-747/UA/PLT/IC-SFRN 2018 Mutation of Voltage Gated Sodium Channel (VGSC) Gene L993F in <i>Blattella germanica</i> L. (Dictyoptera: Blattellidae) From Bandung and Bukittinggi Against Deltametrin Insecticides
14.40 – 15.00		Interactive Q & A Session
15.00 – 15.30		Coffee Break Performance by UKOS UNAND
15.30 – 18.00		Intensive Workshop "How to get published in high-impact journals"
18.00 – 19.00		Welcome Dinner Host: Rector, Universitas Andalas

Day-2
Convention Hall, Universitas Andalas, 26 October 2018

No	Time	Activities
1	07.00-08.00	Registration
	08.00-10.00	Plenary Session Venue: Convention Hall, Andalas University MC: Yesi Puspita
6		Session Chair: TBA
	08.00 - 08.30	Prof. Dr. Alawi Sulaiman Deputy Dean of Academic Faculty of Plantation and Agrotechnology Universiti Teknologi MARA, MALAYSIA "The Needs for Genetically Modified (GM) Foods Education Programme in Malaysia – An Exploratory Study"
	08.30 - 09.00	Dr. Zahid Iqbal, PhD Professor of Pharmacology Al-Nafees Medical College & Hospital, Isra University, Islamabad, PAKISTAN "One Planet, One Health".
	09.00 - 09.30	Dr. Eng. Muhammad Makky ASEAN-US S&T Fellow Head, Research Center, Institute for Research and Community Services, Universitas Andalas, INDONESIA "Catalyzing the Energy Efficiency for Future-Transport and Smart Mobility Systems in ASEAN"
	09.30 - 10.00	Dr. Samsuzana Abd Aziz Department of Aerospace Engineering, Universiti Putra Malaysia MALAYSIA "Agriculture 4.0: The Future of Farming Technology"
	10.00 – 10.30	Coffee Break

No	Time	Activities
		Performance by UKOS UNAND
10.30 – 12.00		Parallel Sessions 3 Venue: Convention Hall, Parallel Rooms No. 1-5, Andalas University
Food Production, Post-Harvest and Agricultural Engineering: Room 1		
10.30 – 10.40	O-711/UA/PLT/IC-SFRN 2018	Prototype, Performance Test and Simulation of Organic Fertilizer Disseminator Machine
10.40 – 10.50	O-712/UA/PLT/IC-SFRN 2018	Rotary Electrical Controlled Drum Dryer for Organic Fertilizer Production
10.50 – 11.00	O-717/UA/PLT/IC-SFRN 2018	Morphometric Analysis of Kuranji Watershed for Watershed Management Using the GIS Approach
11.00 – 11.10	O-718/UA/PLT/IC-SFRN 2018	Design and Development of Resin-Core Permanent Magnet Axial Flux Generator for Small Wind Turbines
11.10 – 11.20	O-734/UA/PLT/IC-SFRN 2018	Framework Assessment Knowledge Management in Agricultural Areas
11.20 – 11.30	P-702/UA/PLT/IC-SFRN 2018	Use of Lactobacillus plantarum M13 isolate from curd as a starter on pink guava yogurt making
11.30 – 11.40	O-748/UA/PLT/IC-SFRN 2018	Effect of Fermentation Time on The Characteristic of Starch from Grated Cassava
11.40 – 12.00		Interactive Q & A Session
Health and Natural Medicines: Room 2		
10.30 – 10.40	O-753/UA/PLT/IC-SFRN 2018	sugar-sweetened beverages containing tea induce the development of diabetes mellitus in white mice (<i>Mus musculus L.</i>)
10.40 – 10.50	O-755/UA/PLT/IC-SFRN 2018	analysis of food hygiene and sanitation implementation at nutrition installation of dr. m. djamil padang general center hospital
10.50 – 11.00	O-756/UA/PLT/IC-SFRN 2018	Cytochalasin H from the Mangrove Endophytic Fungus <i>Diaporthe amygdali</i> (SgKB4)
11.00 – 11.10	O-758/UA/PLT/IC-SFRN 2018	traditional disease and treatment in padang pariaman district
11.10 – 11.20	O-772/UA/PLT/IC-SFRN 2018	Characterization and Cytotoxic Activity of Jeruju Leaves (<i>Acanthus illicifolius</i>)
11.20 – 11.30	O-777/UA/PLT/IC-SFRN 2018	Mathematical Study of Bird Flu Transmission Dynamics
11.30 – 11.40	O-781/UA/PLT/IC-SFRN 2018	The Effect of Micronutrient Intake Towards Anemia in Teenage Girls In Padang
11.40 – 12.00		Interactive Q & A Session
Agri-food System: Room 3		
10.30 – 10.40	O-795/UA/PLT/IC-SFRN 2018	Lingking Domestic Ant Diversity and Its Bacterial Infestation: Isolation and Characterization of Bacteria from Household Ants in Batu Sangkar Regency, West Sumatera Province
10.40 – 10.50	O-796/UA/PLT/IC-SFRN 2018	On the Searching of Eight-legged Creatures in West Sumatra: The Diversity of Spider (Araneae) in Lembah Anai Natural Reserve, Tanah Datar Regency

No	Time	Activities
10.50 – 11.00		O-797/UA/PLT/IC-SFRN 2018 inventory of ant species (hymenoptera: formicidae) collected at the plantation of key lime citrus aurantifolia in tanjung bungo village, tanah datar regency, west sumatera
11.00 – 11.10		O-798/UA/PLT/IC-SFRN 2018 Ant Diversity in Citrus Plantation (Citrus Sinensis L.) in Lima Puluh Kota Regency, West Sumatra as Preliminary Survey for Pest Control Planning
11.10 – 11.20		O-799/UA/PLT/IC-SFRN 2018 Household Ant Species (Hymenoptera: Formicidae) in PT.Kencana Sawit Indonesia (KSI), Solok Selatan Regency, West Sumatra
11.20 – 11.30		P-803/UA/PLT/IC-SFRN 2018 application of p-ca biofertilizer egg shell with an organic fertilizer on the production of ground nuts"
11.30 – 11.40		P-805/UA/PLT/IC-SFRN 2018 Characteristics of Agronomy and Tolerance of Blas Attack Black Rice M-5 Mutant from Induction Mutation
11.40 – 12.00		Interactive Q & A Session
Digital Socio-Economic Enterprise: Room 4		
10.30 – 10.40		O-773/UA/PLT/IC-SFRN 2018 Application of Digital Marketing Communication in Kampung Wisata Sanjai Bukit Tinggi as an Effort to Empower Tourims Management Groups
10.40 – 10.50		O-809/UA/PLT/IC-SFRN 2018 Energy Farming: Indonesian Development Perspective
10.50 – 11.00		O-821/UA/PLT/IC-SFRN 2018 Evaluating Supply Chain Network of Superior Vegetables: A case in Tanah Datar, West Sumatra
11.00 – 11.10		O-824/UA/PLT/IC-SFRN 2018 Organoleptic Profile of Kahwa Daun Beverages Using Some Brewing Methods in West Sumatera
11.10 – 11.20		O-823/UA/PLT/IC-SFRN 2018 redesign medium capacity cocopeat and coconout fiber separator machine
11.20 – 11.30		O-828/UA/PLT/IC-SFRN 2018 he Effect of Bengkoang (Pachyrhizus erosus) Flour Substitution on Characteristics of Crackers
11.30 – 11.40		O-831/UA/PLT/IC-SFRN 2018 Development Of Identification Model Base On Genetic Programming To Classify Uncaria Gambir Variety
11.40 – 12.00		Interactive Q & A Session
Cross-cutting study: Room 5		
10.30 – 10.40		O-750/UA/PLT/IC-SFRN 2018 Chareacteristic Of Lactic Acid Bacteria From Dadih Nagari Bajanjang Kecamatan Lembang Jaya Solok Regency West Sumatera
10.40 – 10.50		P-761/UA/PLT/IC-SFRN 2018 Isolation and Identification of Microalgae That There Waterway Harau Valley Payakumbuh, West Sumatra As One Agent Producing Compounds Antibacterial
10.50 – 11.00		O-766/UA/PLT/IC-SFRN 2018 Combining Avifauna Ecological-Conservation Status Data and Habitat Threat Assessment to Determine the Vulnerability of Several Coastline Site in West Sumatra
11.00 – 11.10		O-770/UA/PLT/IC-SFRN 2018 variation of morphological and bioacoustics traits of kokok balenggek chicken; a poultry genetic resources in west sumatera province - indonesia
11.10 – 11.20		O-771/UA/PLT/IC-SFRN 2018 Estimation of Inbreeding Rate of Pitalah Duck as Germ Plasm at West Sumatera Province

No	Time	Activities
11.20 – 11.30		O-786/UA/PLT/IC-SFRN 2018 Characteristics Of Smoothy Mangostana Drink From Various Starter Concentrations And Dilution Level Of Mangosteen Peel Extract
11.30 – 11.40		P-787/UA/PLT/IC-SFRN 2018 identification of endophytic and rhizosphere bacteria in bamboo at limapuluh kota region, west sumatera, indonesia
11.40 – 12.00		Interactive Q & A Session
12.00 – 13.30		Lunch Break Performance by UKOS UNAND
13.30 – 15.00		Parallel Sessions 4 Venue: Convention Hall, Parallel Rooms No. 1-5, Andalas University
Food Production, Post-Harvest and Agricultural Engineering: Room 1		
13.30 – 13.40		O-749/UA/PLT/IC-SFRN 2018 Cytotoxic Liquid Smoke of Cocoa Skin (Theobroma Cacao, L) on Different Moisture Content
13.40 – 13.50		O-757/UA/PLT/IC-SFRN 2018 Effect of Environmental Conditions on Anthocyanin Stability of Purple Sweet Potato
13.50 – 14.00		O-765/UA/PLT/IC-SFRN 2018 Preliminary Test of Cytotoxic Activity From The Extract of Bintagor Bark (Calophyllum Soulattri Burm, F) Using Brine Shrimp Lethality Test (BSLT) Method
14.00 – 14.10		O-701/UA/PLT/IC-SFRN 2018 Design and Performance Test of Rubber Grinding Machine
14.10 – 14.20		O-808/UA/PLT/IC-SFRN 2018 Development of Medium Coconut Dehusker Machine for Smale Scale Industry
14.20 – 14.30		O-815/UA/PLT/IC-SFRN 201 Energy and Performance Evaluation for Spraying Activity on Paddy Field in West Sumatra
14.30 – 14.40		O-706/UA/PLT/IC-SFRN 2018 Study of Energy Consumption For Rice Cultivation: Case Study in Padang West Sumatra
14.40 – 15.00		Interactive Q & A Session
Health and Natural Medicines: Room 2		
13.30 – 13.40		O-783/UA/PLT/IC-SFRN 2018 addition of green betel leaf extract (piper betle l.) in formulation edible film whey on antibacterial activity , moisture content and total plate count
13.40 – 13.50		O-792/UA/PLT/IC-SFRN 201 Ant Species (Hymenoptera: Formicidae) and Its Microbial Symbionts as Initial Bioindicator in health facility in Padang City, West Sumatra
13.50 – 14.00		O-811/UA/PLT/IC-SFRN 2018 characterization and antioxidant activity of ethanol axtract of hedychium coronarium j. koenig.) rhizome
14.00 – 14.10		O-817/UA/PLT/IC-SFRN 2018 Determinan of Stunting Problems in Indonesia Based on Nutrition Program Performance Using Discriminant Analysis
14.10 – 14.20		P-822/UA/PLT/IC-SFRN 2018 Stunting Problema and Interventions to Prevent Stunting at Elementary School In Lima Puluh Kota Regency
14.20 – 14.30		O-820/UA/PLT/IC-SFRN 2018 Study of Energy Consumption For Rice Cultivation: Case Study in Padang West Sumatra

No	Time	Activities
14.30 – 14.40		O-827/UA/PLT/IC-SFRN 2018 The Structure of Brown Planthopper (<i>Nilaparvata lugens</i> Stal 1854, Hemiptera: Delphacidae) in Endemic Area of Padang City
14.40 – 15.00		Interactive Q & A Session
Agri-food System: Room 3		
13.30 – 13.40		O-807/UA/PLT/IC-SFRN 201 Effect of Seaweed Extracts as Biostimulant on Vegetative Growth of Soybean (<i>Glycine max</i> L.)
13.40 – 13.50		O-810/UA/PLT/IC-SFRN 2018 Preliminary Study: Biotransformation of Usnic Acid by Endophytic Fungus <i>Rhizopus</i> Sp and Their Antibacterial Activity
13.50 – 14.00		O-812/UA/PLT/IC-SFRN 2018 Application Indigenous Rhizobacteria and Concentration Paclobutrazol on the Growth Cingkariang Potato (<i>Solanum tuberosum</i> L.)
14.00 – 14.10		O-814/UA/PLT/IC-SFRN 2018 the recovery of level heavy metal plumbum (pb) and cromium (cr) with water hyacinth plant
14.10 – 14.20		P-819/UA/PLT/IC-SFRN 2018 the effect of giving composes of egg shell, biofertilizer p and application time on p-absorption and ca-absorption in peanut plant
14.20 – 14.30		O-704/UA/PLT/IC-SFRN 2018 Physicochemical and Functional Properties of Red Rice Flour (<i>Oryza sativa</i> , L) and Its Aplication to Mochi Cake
14.30 – 14.40		P-701/UA/PLT/IC-SFRN 2018 Organo-complex Selected Fertilizer Test to Growth of Rice SRI (the System of Rice Intensification) Method
14.40 – 15.00		Interactive Q & A Session
Cross-cutting study: Room 5		
13.30 – 13.40		O-789/UA/PLT/IC-SFRN 2018 the variability of local duck productivity as germ plasm in west sumatra under intensive management
13.40 – 13.50		O-793/UA/PLT/IC-SFRN 2018 Diversity of Butterflies (Lepidoptera: Rhopalocera) at Tanah Bala Island in North Sumatra, Indonesia
13.50 – 14.00		O-800/UA/PLT/IC-SFRN 2018 characterization of lactic acid bacteria isolated from arenga pinnata merr as a probiotic in lima puluh kota district west sumatra indonesia
14.00 – 14.10		O-825/UA/PLT/IC-SFRN 2018 Complex Projective Spaces Versus Real Projective Spaces
14.10 – 14.20		O-829/UA/PLT/IC-SFRN 2018 Addition Of <i>Coleus amboinicus</i> , L Leaf's Extract In Ration To Percentage Of Carcass, Abdominal Fat, Liver And Heart Broiler
14.20 – 14.30		O-830/UA/PLT/IC-SFRN 2018 Addition of <i>Simplicia Coleus amboinicus</i> in Ration on Cholesterol Levels of Eggs and Egg Production of Laying Hens
14.30 - 14.40		O-832/UA/PLT/IC-SFRN 2018 Characterization of Indigenous Nitrifying Bacteria Form Waste Poultry Farms in Limapuluh Kota Regency
14.40 – 15.00		Interactive Q & A Session
15.00 – 15.30		Coffee Break Performance by UKOS UNAND
15.30 – 16.00		Award: Best Presenter

No	Time	Activities
		<p>Best Paper</p> <p>Declaration of "Afro-Eurasia Scientific Network for Promoting Food Security, Renewable Energy, Sustainable Resources and Free Health Care for All"</p> <p>Announcement of the SFRN 2019 Host</p> <p>Closing</p> <p>Photo Session</p>