### CENFERENCES PROGRAMME PAPERS ABSTRACTS

Security in food, renewable resources, and natural medicines

hosted by,

(UNAND)

**Politeknik Pertanian** 

Negeri Payakumbuh

co -Hosted by, Universitas Andalas



THE 3ND INTERNATIONAL CONFERENCE ON SECURITY IN FOOD, RENEWABLE RESOURCES, AND NATURAL MEDICINE 2019

2019

www.sfrn2019.com

### Gedung Serba Guna-GSG

Payakumbuh State Polytechnic of Agriculture West Sumatra Indonesia

### 25-26 September 2019

#### **Keynote Speakers**

ANDI AMRAN SULAIMAN MENTERI PERTANIAN—RI ( to be confirmed )





Dr. Vasu Udompetaikul King Mongkut's Institute of Technology Ladkrabang, Thailand

**Invited Speakers** 



**Dr. Shinichiro Kuroki** Kobe University Japan



Prof.Dr.B.Yogesha Malnad College of engineering, Hassan, India



Dr. Darius El Pebrian Universiti Teknologi MARA Melaka, Malaysia





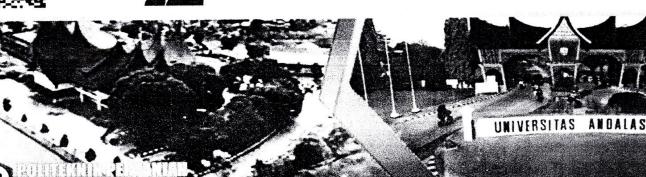
Assoc.Prof. Dr. Samsuzana Binti Abd Aziz Universiti Putra Malaysia



Dr. Eng. Muhammad Makky Andalas University



**Dr. Fri Maulina, S.P, M.P** Payakumbuh State Polytechnic of Agriculture



# 3rd INTERNATIONAL CONFERENCE ON SECURITY IN FOOD, RENEWABLE RESOURCES, AND NATURAL MEDICINES 2019 (SFRN 2019)

September 25-26, 2019 Convention Hall Politeknik Pertanian Negeri Payakumbuh INDONESIA

## "QUANTUM-LEAP OF AGRI-FOOD SYSTEM 4.0 AND DELIVERY OF SUSTAINABLE DEVELOPMENTS GOALS (SDGS)"

**Organizer by:** 



Politeknik Pertanian Negeri Payakumbuh



**Universitas Andalas** 



SFRN2019- Book of Program

DAY 0: Tuesday September 24, 2019 VANUE : Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh DAY 1: Wednesday, September 25, 2019 No co N + 07.00 - 08.0008.00 - 09.0009.45 - 12.1509.00 - 09.45Time Welcome message from Director of Politeknik Pertanian Negeri Payakumbuh Remarks from the Rector of Andalas University Report from the Conference Chair Performance : Welcome Dance "Tari Pasambahan" National Anthem (Indonesia Raya) Recitation of the Holy Quran Venue: Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh **Opening** Ceremony Registration **Plenary Session 1** Remarks and Opening Ceremony by the Ministry of Agriculture of the republic of Venue: Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh Indonesia Activities ARRIVAL OF PARTICIPANTS

# SFRN2019 PROGRAM

	12.15 - 13.00	Lunch Break
	13.00 -13.30	Poster Session
	13.30 -14.30	Plenary Session 2 Venue: Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh
	14.30 - 15.30	Parallel Sessions 1 Venue: Parallel Rooms Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh
	15.30 - 16.00	CoffeeBreak
	16.00 - 18.00	Parallel Sessions 2 Venue: Parallel Rooms Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh
64	DAY 2: Thursday, September 26, 2	ptember 26, 2019
	VANUE : Gedung Serba Guna, Pol	rba Guna, Politeknik Pertanian Negeri Payakumbuh
	Time	Activities
	08.00 - 11.00	Parallel Sessions 3 Venue: Parallel Room Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh
	11.00 - 12.00	Closing Ceremony Venue: Room Gedung Serba Guna, Politeknik Pertanian Negeri Payakumbuh
	<b>12.00 - Finish</b>	Campus Visit and City Tour

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GSG 1 Session Chair: Syarmila devi Note Taker : Ulva mohtar	GSG 2 Session Chair: Hudia Note Taker : Latifa hanum	GSG 3 Session Chair: Resa yulita Note Taker : Iis ismawati	GSG 4 Session Chair: M. Riza N Note Taker : Yuni Ernita	KBN 1 Session Chair: Yuliandri Note Taker : Neni Trimedona	KBN 2 Session Chair: Hidayat raflis Note Taker : Eka Susila	KBN 3 Session Chair: Muflihayati Note Taker : Ramon S	KBN 4 Session Chair: Nahda Kanara Note Taker : Toni Malvin
FS-10	FS-28	FS-47	SR-10	SR-29	PCI-10	PCI-23	PCI-36
FS-11	FS-29	FS-48	SR-11	SR-30	PCI-11	PCI-24	PCI-37
FS-12	FS-30	10-MN	SR-12	SR-31	PCI-12	PCI-25	PCI-38
FS-13	FS-31	NM-02	SR-13	SR-32	PCI-13	PCI-26	PCI-39
FS-14	FS-32	NM-03	SR-14	SR-33			
FS-15	FS-33	NM-04	SR-15	SR-34			
FS-16	FS-34	30-MN	SR-16	SR-35			
FS-17	FS-35		SR-17	SR-36			
FS-18	FS-36		SR-18	SR-37			
2			SR-19				

**Parallel Session** 

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THE 3<sup>RD</sup> INTERNATIONAL CONFERENCE ON SECURITY IN FOOD, RENEWABLE RESOURCES, AND NATURAL MEDICINE 2019 (SFRN 2019)

P3M Politeknik Pertanian Negeri Payakumbuh Jl. Raya Negara Km. 7 Tanjung Pati, Kec. Harau Kab. Lima Puluh Kota Sumatera Barat 26271. Telp. 0752-7754192, Fax. 0752-7750220

### ACCEPTANCE LETTER ID-Number : O-038/UA/PLT/IC-SFRN 2019

Payakumbuh, 5 September 2019

Dear Muhammad Syahbeni, Arif Budiman, Rosda Syelly, Indra Laksmana, Hendra

This letter is to confirm that Your paper entitled **"Arduino Uno based Rainfall Detector Tool."** was **ACCEPTED** by the committee of the **3<sup>RD</sup> IC-SFRN 2019**, and will be considered to be published in the Q2/Q3/Q4 Scopus Indexed Journal and/or Conference proceeding<sup>\*</sup>.

Best regard, On behalf of the Organizing Committee 3<sup>RD</sup> IC-SFRN2019 Conference Chair

Jul

Fithra Herdian, S.TP, MP

Security in food, renewable resources, and natural medicines



hosted by, Politeknik Pertanian Negeri Payakumbuh

co-Hosted by, Universitas Andalas (UNAND)



# Certificate

No.38/PL25/PT.01.06/2019

This is to certify that

# Indra Laksmana

has contributed on The 3<sup>rd</sup> International Conference on Security in Food, Renewable resources, and Natural Medicines 2019 (SFRN 2019)" as

# **Oral Presenter**

Reg.No.O-038/UA/PLT/IC-SFRN 2019

Held on 25- 26 September 2019, at Gedung Serba Guna— (GSG) Politeknik Pertanian Negeri Payakumbuh West Sumatra, Indonesia

Director of Payakumbuh State Polytechnic of Agriculture

DIREY (Ir. Elvin Hasman, MP )

UNIVIRSITAS ANDALLAS

Conference Chair SFRN 2019

(Fithra Herdian, STP,MP)



SFRN 2019