

Monday, 30 Sep, 2024 | 8:30am

Venue : **Auditorium RRI Jambi**

Jl. Jend. Ahmad Yani No.5, Telanaipura, Kota Jambi, Jambi 36122

## OPENING

**8:00AM - 9:00AM**

- Welcoming Remarks - Dadan Sutaryana, SH., M.Si (RRI Jambi)
- Greetings & Introduction of STEM Indonesia - Dr. Tri Sesilia, ST, MT
- Opening Remarks - Dr. H. Sudirman, SH, MH. (Acting Governor of Jambi)
- Opening Remarks - Ir. Afriansyah Noor, ST., M.Si., IPU (Deputy Minister of Manpower)
- Opening Remarks - Dr. H. Sandiaga Salahuddin Uno, B.B.A., M.B.A. (Minister of Tourism and Creative Economy)

## KEYNOTE SPEAKER 1

**9:00AM - 9:30AM**

Mistam, S.Sos, M.Si (Director - RRI) : "Digital Transformation in Media: Challenges and Opportunities for RRI in the Technological Era"

## KEYNOTE SPEAKER 2

**9:30AM - 10:00AM**

Mochamad Asri, PhD (R&D - NVIDIA) : "The Future of AI and Big Data: New Innovations and Their Impact on the Global Industry"

## KEYNOTE SPEAKER 3

**10:00AM - 10:30AM**

Dr. Ir. Al Ansori, ST., M.MT, CFrA, IPM, ASEAN.Eng (Widyaiswara BPK RI) : "Generative Artificial Intelligence and Big Data in Auditing"

DAY 1 - STEM TALKS

PROGRAM

# DAY 1 - STEM TALKS PROGRAM

## KEYNOTE SPEAKER 4

10:30AM - 11:00AM

Arifin Purwakananta, S.I.Kom., SFRM  
(Deputy 1 BAZNAS RI) : "Tech-Driven  
Fundraising: Empowering Philanthropy  
Through Innovation for Sustainable  
Development"

## KEYNOTE SPEAKER 5

11:00AM - 11:30AM

Prima Hadi Putra, S.T., M.Com. (Director -  
Dompot Dhuafa) : "Maximizing Awqaf  
Potential: Leveraging Innovation and  
Technology for Social Impact Investment"

## KEYNOTE SPEAKER 6

11:30AM - 12:00AM

Prof. Drs. Damris M, M.Sc., Ph.D. (University  
of Jambi) : "Building the Digital  
Generation: Integrating STEM into Higher  
Education Curricula to Support Innovation  
and Technology"

## CLOSING

12:00AM - 12:15PM

Closing Remarks - M Ali Maarif (STEM  
Indonesia)

## LUNCH & NETWORKING

12:15PM - 2:00PM

## SITE VISIT TO SUKU ANAK DALAM SEMBILAN BILAH

3:00PM - END

Tuesday, 1 Oct, 2024 | 8:30am

Venue : **UIN Sulthan Thaha Jambi**

Jl. Jambi - Muara Bulian KM. 16 Kec. Jambi Luar Kota, Jambi 36361

## OPENING

**8:00AM - 10:00AM**

- Greetings & Introduction of STEM Indonesia - drg. Nurman Zulwudha H
- Opening Remarks - Prof. Dr. As'ad Isma, M.Pd (Rector of UIN Sulthan Thaha Jambi)
- Opening Remarks - Ir. Afriansyah Noor, ST., M.Si., IPU (Deputy Minister of Manpower)
- Opening Remarks - Dr. H. Sandiaga Salahuddin Uno, B.B.A., M.B.A. (Minister of Tourism and Creative Economy)

## PANEL DISCUSSION 1

**10:00AM - 11:00AM**

### SUSTAINABLE TECHNOLOGY ON AGRICULTURE

- Dr. Eng. Truclinh Nguyen (Hai Duong International JSC, Vietnam)
- Lindawati, S.Pt, M.Si (Head of Environmental Management - Jambi Province Environmental Service)
- Ir. Agusrizal, M.M (Expert on Agriculture)

## PANEL DISCUSSION 2

**11:00PM - 12:00PM**

### WAQF FOR TECHNOLOGY IMPLEMENTATION

- Dwi Irianti Hadiningdyah, S.H., M.A (Director of Islamic Social Finance - KNEKS)
- Prima Hadi Putra, S.T., M.Com. (Director - Dompot Dhuafa)
- Ir. Arief Rohman Yulianto, M.M (Ketua Divisi Pengembangan Strategis & Transformasi Digital - Badan Wakaf Indonesia)
- Bambang Tio Soedjadi\* (CEO Khair Realty)

## **LUNCH BREAK**

**12:00AM - 1:00PM**

## **KEYNOTE SPEAKER 7**

**1:00PM - 1:30PM**

Mariani Yanti, SP, MDM, M.EV, M, Ph.D. (Head of the Department of Tourism and Culture of Jambi City) : "Fostering Sustainable Tourism Through Cultural Heritage: The Role of Technology in Green Development Initiatives in Jambi City

## **KEYNOTE SPEAKER 8**

**1:30PM - 2:00PM**

Dr. Eng. Sri Hastuty, ST, MT, M. Eng. (Head of Mechanical Engineering - Pertamina University) : "Atmospheric Corrosion in Indonesia: Technological Solutions"

## **PANEL DISCUSSION 3**

**2:00PM - 3:00PM**

### **AI & BIG DATA**

- Mochamad Asri, PhD (NVIDIA, Silicon Valley USA)
- Dr. Ir. Al Ansori, ST., M.MT, CFrA, IPM, ASEAN.Eng (Widyaiswara BPK RI):

## **KEYNOTE SPEAKER 9**

**3:00PM - 3:30PM (BR 1)**

Dr. Chathura Rajapakse\*\* (University of Kelaniya, Srilanka) : "Integrating AI to Design Sustainable Policies for Innovation

## **SPECIAL SESSION - RENEWABLE ENERGY & CLIMATE CHANGE**

### **KEYNOTE SPEAKER 10**

**3:00PM - 3:30PM (BR 2)**

Assoc. Prof. Dr. Sven Teske\*\* (University of Technology Sydney, Australia) : "Future Trends in Renewable Energy and Climate Policy: Opportunities and Challenges"

### **KEYNOTE SPEAKER 11**

**3:00PM - 3:30PM (BR 3)**

Prof. Kulachate Pianthong\*\* (Ubon Ratchathani University, Thailand) : "Advancements in Mechanical Systems for Biomass Processing and Utilization"

### **KEYNOTE SPEAKER 12**

**3:30PM - 4:00PM (BR 1)**

Tandry Adi Negara, S.STP, M.Si (Head of the Energy and Mineral Resources Office of Jambi Province) : "Jambi's Path to Sustainable and Green Energy: Innovations for the Future"

### **KEYNOTE SPEAKER 13**

**3:30PM - 4:00PM (BR 2)**

Prof. Cheikh Mouhamed Fadel Kebe\*\* (Ecole Supérieure Polytechnique de Dakar, Senegal) : "The Energy Transition in West Africa: Opportunities and Benefits."

### **KEYNOTE SPEAKER 14**

**3:30PM - 4:00PM (BR 3)**

Tarun Saxena, MBA\*\* (DESMI Denmark) : "Innovative Solutions for Marine Pollution: The Future of Water Conservation with Green Technology"

## GALA DINNER

7:00PM - END

Venue

**Official Residence of the Governor of Jambi**

- Greetings from Acting Governor of Jambi - Dr. H. Sudirman, SH, MH.
- Closing Remarks from STEM Indonesia - Prof. Dr. Ir. Hj. Nurhayati, M.Sc. agr
- Networking & Hospitality

Note :

The keynote speaker's presentation will have a total duration of 30 minutes, which will be divided as follows:

- 20 minutes for the main presentation.
- 10 minutes for a Q&A session.

Please ensure that the presentation covers key topics efficiently to allow ample time for audience interaction during the Q&A segment.

Wednesday, 2 Oct, 2024 | 8:30am

Venue : **PT Bukit Bintang Sawit**

Bukit Baling, Sekernan, Muaro Jambi Regency, Jambi, 36764

## SITE VISIT

### 8:30AM - END

- Greetings & Introduction of Center of Waste Management Indonesia - Dr. Eng. Bayu Indrawan
- Opening Remarks - Rakhmat Darmawan, Spt (Head of the Plantation Service of Jambi Province)
- Opening Remarks from GM of PT. BBS
- Factory Tour
- Focus Group Discussion