

SEAIP 2021 AGENDA: 6th December 2021. (UTC+8, TW Time)

Date/Time: 2021/12/6 20:00-23:30 UTC+8

Venue: <https://nchc-narlabs.webex.com/meet/NCHC-VC-001>

Website: [seaip.nchc.org.tw](http://seaip.nchc.org.tw)

## Theme: Cyberinfrastructure (CI) and AI – Challenges & Opportunities in the New Normal (II)

### 20:00-20:10 Opening

*Shepherd Shi, NCHC*

*Bill Chang, University of Hawaii at Manoa*

*Peter Arzberger, Founder of PRAGMA*

### Session 1: CI & AI: Progress & Update

#### 20:10-20:55 Invited Talks- Chair: Rui Oliviera, INESC TEC

- “AR/VR for Healthcare (CAVE live)”

*Uwe Woessner, HLRS*

- “Smart Agriculture”

*Christopher Stewart, Ohio State University*

- “Adaptive autonomous UAV scouting for lodging assessment using edge computing with deep learning”

*Ming-Der Yang, NCHU*

#### 20:55-21:00 Coffee Break

#### 21:00-21:40 Updates from Partners- Chair: Fang-Pang Lin, NCHC

- “Cloud native IoT environment and its application”

*Shinji Shimojo, Osaka University*

- “ThaiSC”

*Piyawut Srichaikul, NECTEC*

- “National HPC Facility in Philippines”

*Jelina Tanya H. Tetangco, ASTI*

- “Immersive Visualization in SEA”

*Jason Haga, AIST*

- “Introduction to Open XR Platform Development for High Immersive Collaboration”

*Kum Won Chou, KISTI*

- More updates from U. of Indonesia, AIST, KISTI, Thammasat U ...etc.

#### 21:40-21:50 Discussions *Chair: Jason Haga, AIST*

#### 21:50-22:00 Coffee Break

### Session 2: Opportunities for Collaboration in CI & AI (Special Invitation)

#### 22:00-23:00 Chair: Beth Plale, Indiana University

- “Intelligent Cyberinfrastructure with Computational Learning in the Environment (ICICLE)”

*Dhabaleswar K. Panda, Ohio State University*

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- “NSF AI Institute for Future Edge Networks and Distributed Intelligent (AI-Edge)”  
*Ness Shroff, Ohio State University*
  - “Building a Video IoT Platform”  
*Yu-Chee Tseng, National Yang Ming Chao Tung University*
  - “ALOVAS pathology image analysis platform: lipid detection”  
*Pau-Choo Chung, National Cheng Kung University*
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**23:00-23:30** Discussions on Possible Collaboration

*Chair: Jose Fortes, University of Florida,*

*CO-Chairs: Shave Smallen, UCSD, Beth Plate, Indiana University,*

*Fang-Pang Lin, NCHC.*

**23:30 ~** Stay Safe & See you Soon Next Year!!