

# The 8<sup>th</sup> International Science, Social Sciences, Engineering and Energy Conference 2017

(I-SEEC 2017)

March 15<sup>th</sup> – 17<sup>th</sup>, 2017

A-ONE The Royal Cruise Hotel, Pattaya Beach, Chonburi, Thailand

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## 1. INTRODUCTION

In 2008, the 1<sup>st</sup> International Science Social-Science Conference (I-SEEC 2008) was held in Nongkhai province. Then in year 2010, the 2<sup>nd</sup> Science Social-Science Conference (I-SEEC 2010 and 2011) were held in Nakhon Phanom, respectively. Both I-SEEC conferences in year 2008 and 2010 hosted by Rajamangala University of Technology I-san and these two conferences were under supervised of Dr.Nitiroth Pornsuwancharoen who was the chairman. The 3<sup>rd</sup> I-SEEC (I-SEEC 2011) was held in Nakhon Phathom, Thailand. This conference was organized by Center of Excellence in Glass Technology and Materials Science (CEGM), Nakhon Phathom Rajabhat University, under supervised by Asst.Prof.Dr.Jakrapong Kaewkhao was the chairman. The 4<sup>th</sup> Conference (I-SEEC 2012) was held in Phetchaburi province hosted by Kasem Bundit University and Udon Thani Rajabhat University. In the year 2013, the 5<sup>th</sup> conference (I-SEEC 2013) was held in Kanchanaburi hosted by Suan Sunandha Rajabhat University. The 6<sup>th</sup> conference (I-SEEC 2014) was held in Udon Thani province. This conference hosted by Udon Thani Rajabhat University. The 7<sup>th</sup> conference (I-SEEC 2015) was held in Phitsanulok hosted by Pibulsongkram Rajabhat University.

Scientists, engineers and researchers assembled in these conferences to discuss, to share their ideas and visions for the future of Science, Social-Science, Engineering and Energy. The purpose of the conferences is also engaged the worldwide community in a collective effort to widen the apply these researches in both conventional and new applications.

This year (2017), Phranakhon Rajabhat University (PNRU) has been honored to host the 8<sup>th</sup> International Science, Social Sciences, Engineering and Energy Conference (I-SEEC 2017) in Chonburi. This international conference will also be co-hosted by Pibulsongkram Rajabhat University.

## 2. RATIONALE

Research is considered to be of utmost importance to foster development, especially in the academic world. It is widely accepted that universities must pay attention to research by providing opportunities to university instructors to produce research works, alongside teaching. Research products are also indicators of the expertise of the university personnel. However, there is a great need to have venues to allow researchers to present their works, nationally and internationally. This is the reason why Phranakhon Rajabhat University is determined to host the I-SEEC 2017.

With the fact that Phranakhon Rajabhat University has been supporting its Faculty of Science and Technology, the faculty members have been involved in several conferences, yielding to experience related to the advancement of academic research in various areas. For the past 8 years, this advancement has led Thailand to “Knowledge-based Society”, which has steered the country to:

- 1) National Innovation System
- 2) Human Resources
- 3) Core Technologies
- 4) Enabling Environment

I-SEEC is directly involved with “Core Technologies”, which can be broken down to:

- 1) Information and Communication Technology-allowing the government, private and public sectors to communicate using advanced technology such as E-Commerce, E-Education, E-Society, E-Industry and E-Government, etc.
- 2) Material Technology-allowing the construction of advanced products using technology so that the products are efficient and of low costs
- 3) Biotechnology-a technology that stems from different sciences such as biology, chemistry, engineering, etc.
- 4) Nanotechnology-a technology that deals with building equipment in a nanometer scale.

The above “Core Technologies” are considered a very innovative advancement that is crucial in “Scientific Knowledge,” especially in the fields of biology, physics, chemistry, biochemistry, mathematics and engineering. These fields always involve computerized technology.

Therefore, Phranakhon Rajabhat University has placed importance in conferences that raise benefits to researchers, academic personnel and conference participants. This is the reason why Phranakhon Rajabhat University decided to host I-SEEC 2017, which is respected university-wide for its strength and competence.

### **3. OBJECTIVES**

1. To offer a venue for academic instructors, students and/or researchers to share their works in a national and an international level.

2. To encourage and promote university instructors to realize the importance of research and research sharing.

3. To support and build networking of universities regarding academic and research works, both nationally and internationally.

4. To publish academic and research works.

### **4. EVENTS**

1. Speeches by Keynote lecturers

2. Presentations by research presenters

3. Poster Presentations by participants

### **5. AREAS OF INTEREST**

1. Agricultural Science, Engineering and Related Areas

2. Chemical Science and Engineering

3. Computer Science and Engineering

4. Electronics and Telecommunication Engineering

5. Energy and Related Environment

6. Applied Physics and Material Sciences

7. STEM Research

8. Biodiversity

9. Arts and Humanities

10. Business, Management and Accounting

11. Economics and Finance

12. Psychology

13. Social Sciences

14. STEM and Education
15. Redevelopment, Rehabilitation
16. Landscape and Local Renewable Materials
17. Gender, Family, Ageing and Urbanis
18. Other Related Areas

## **6. EXPECTED BENEFITS**

1. To offer an international platform for researchers to participate in order to share knowledge that can increase innovative products.
2. To promote the recognition of academic standard of Phranakhon Rajabhat University at a national and an international levels.
3. To raise incentives for university instructors, researchers of Phranakhon Rajabhat University to produce research-related works while teaching students.
4. To expand networking of research at a national and an international levels.
5. To share responsibilities for leading Thailand to “Knowledge-based Society”.
6. To allow research works to be considered for academic positions.

## **7. TARGET GROUPS**

Academic personnel, researchers, instructors, students and general participants, both nationally and internationally, approximately 100 – 150 people.

## **8. DATES AND FEES**

Dates: March 15 – 17, 2017

Fees: Foreign Participant ..... 250 USD or 9,000 THB

Local Participant .....7,900 THB

Remark: 1 USD = 35 THB (on November, 2016)

## **9. ACCOMMODATION**

A-ONE The Royal Cruise Hotel. Pattaya Beach, 499 North Pattaya Beach Road, Pattaya City, Chonburi, 20150, Thailand. Tel: 0-3825-9555 (auto) Fax: 0-3842-4242, E-mail: a-onehotel@a-onehotel.com, <http://www.a-onehotel.com/pattaya/>

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Tel: (662) 718 1030-43, 318 5560-2 Fax: (662) 3198230, 318 5563

## 10. CONFERENCE INSTITUTES

1. Institute of Research and Development (Phranakhon Rajabhat University)
2. Institute of Research and Development (Pibulsongkram Rajabhat University)
3. Faculty of Management Science (Phranakhon Rajabhat University)
4. Faculty of Industrial Technology (Phranakhon Rajabhat University)
5. Faculty of Humanities and Social Science (Phranakhon Rajabhat University)
6. Faculty of Science and Technology (Phranakhon Rajabhat University)
7. College of Teacher Education (Phranakhon Rajabhat University)
8. Phranakhon International College (Phranakhon Rajabhat University)
9. Graduate School (Phranakhon Rajabhat University)

## 11. CONTACT INFORMATION

### Chairman:

**Asst.Prof. Narongsak Jukrkorn**, Thailand

Institute of Research and Development, Phranakhon Rajabhat University

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