ITU and Academia

Session 7:

Facilitating Asia-Pacific Regional Initiatives through research, study, initiatives, partnerships and capacity building

Outline

- Chulalongkorn University
- Benefits for Academia Membership
- ITU ASP COE Training in Kunming
- Internet and IPv6 Infrastructure Security

The International Telecommunication Union Welcomes

Chulalongkorn University,

Faculty of Engineering

as a participant in the work of ITU in the category "academia, university and their associated research establishment"

Geneva, July 2015

Houlin Zhao
ITU Secretary-General

150 1865 2015

100th Anniversary of Chula Engineering 2013

CHULA ENGINEERING
Foundation toward Innovation

Chulalongkorn University

Chulalongkorn University

Sciences and Technologies
Faculty of Architecture
Faculty of Engineering
Faculty of Science
School of Agricultural Resources

Social Sciences and Humanities
Chulalongkorn Business School
Faculty of Arts (Language&Literature)
Faculty of Communication Arts
Faculty of Economics
Faculty of Education
Faculty of Fine and Applied Arts (Art)
Faculty of Law
Faculty of Political Science

Health Sciences
Faculty of Allied Health Sciences
Faculty of Dentistry
Faculty of Medicine
Faculty of Nursing
Faculty of Pharmaceutical Sciences
Faculty of Psychology
Faculty of Sport Sciences
Faculty of Veterinary Science

Chulalongkorn University

Graduate institutes

College of Population Studies
College of Public Health Science
Graduate School
Language Institute
Petroleum and Petrochemical College
Sasin Graduate Institute of Business Administration

Research institutes

Aquatic Resources Research Institute
Energy Research Institute
Environmental Research Institute
Institute of Asian Studies
Institute of Biotechnology and Genetic Engineering
Metallurgy and Materials Science Research Institute
Social Research Institute
Transportation Institute

Chulalongkorn Main Auditorium

Chulalongkorn University

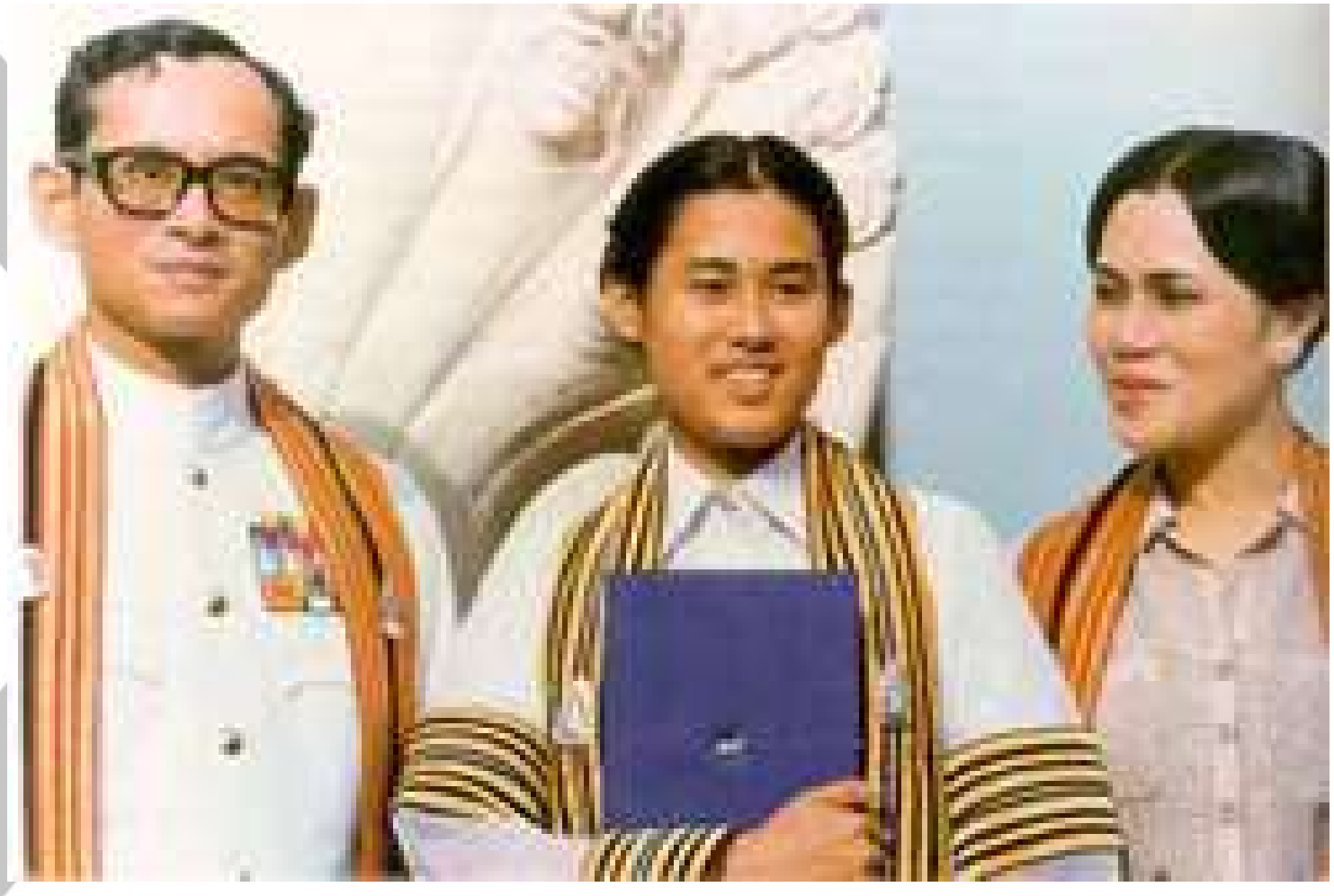
Chulalongkorn Main Auditorium

Chulalongkorn University

Chulalongkorn University

Chulalongkorn University

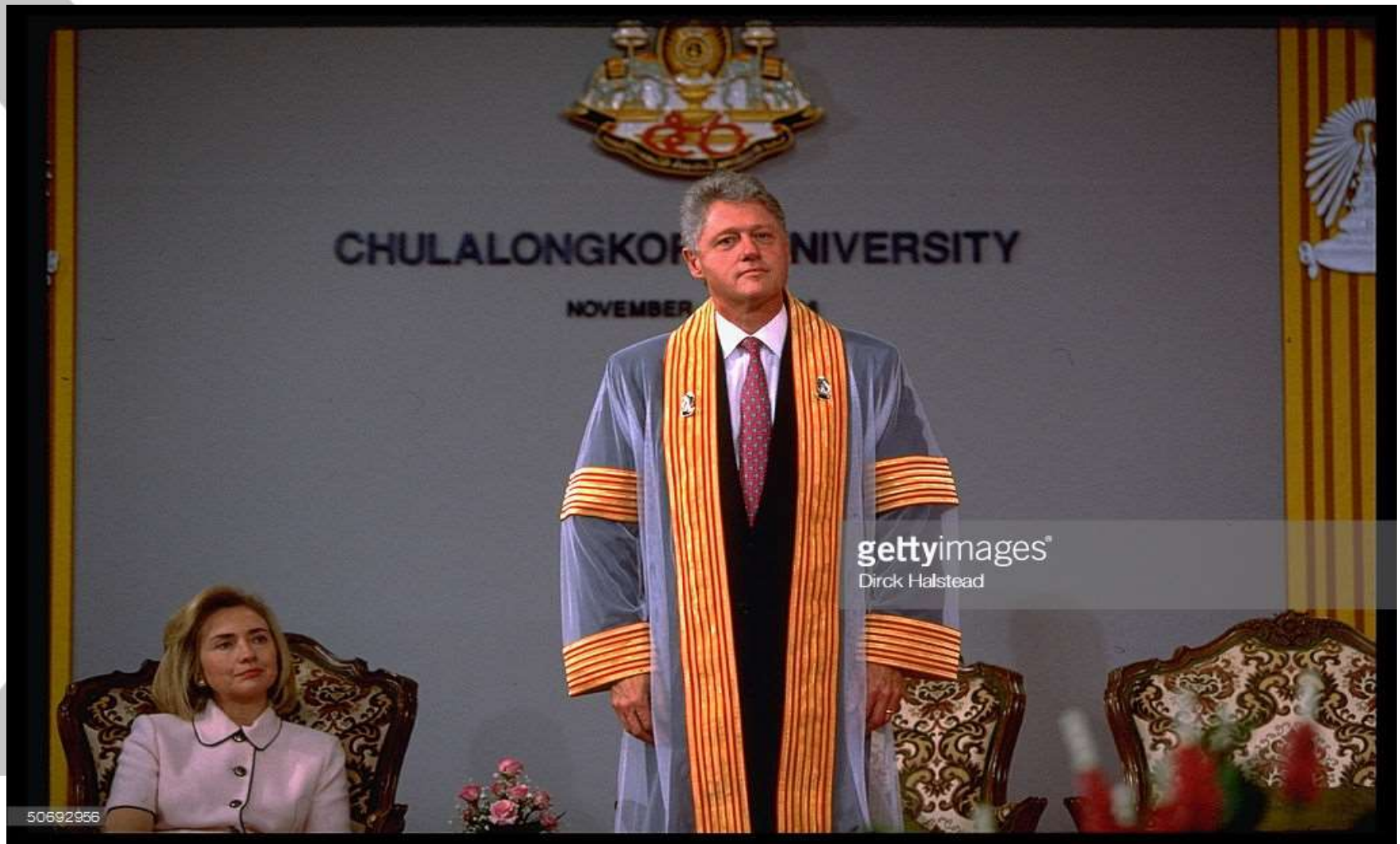
Princess Sirindhorn



Princess Sirindhorn

Bill Clinton visit

Bill Clinton visit



Queen of the United Kingdom

Queen of the United Kingdom

Prime Minister of Thailand (2018)

President of Chulalongkorn University

Academic/Research Areas Communication@EE-Chula

network design and performance engineering

microwave engineering and wireless network

optical communications and transport network

future internet and software-defined network

data analytics and multimedia

World Mega-trends Related to Communication

smart energy	smart mobility	smart environ-ment	smart agricul-ture	smart health
smart grid	intelligent transport system			
(IoT/ BigData + power)	(IoT/ BigData+ci	(IoT/ BigData+envi)	(IoT/ BigData+ food, agriculture	(IoT/ BigData+ biomed)

Internet of Things (IoT)

= communication + electronics

BIG Data

= communication + control + computer

ITU Kaleidoscope 2016

ICTs for a Sustainable World

Multi-path Chunked Video Exchanges over OF@TEIN SDN Cloud Playground

Phyo May Thet*, JongWon Kim◇, Chaodit Aswakul*

*Wireless Network and Future Internet (WIFUN) Research Group
Department of Electrical Engineering, Faculty of Engineering
Chulalongkorn University, Bangkok, Thailand

◇Network Computing Systems Laboratory (NetCS)
School of Information and Communications,
Gwangju Institute of Science and Technology, South Korea

Bangkok, Thailand
14-16 November 2016

Comm@Chula-EE Exhibition @ITU-Kaleidoscope 2016

Prof. Prasit Prapinmongkolkarn and Assoc.Prof. Supavadee joined ITU Academia Partnership Meeting - developed digital skills in the next era in Hungary, September 2017. Dr. Supavadee is the invited speaker in the learning innovation session.

ITUWTDC BUENOS AIRES 2017

#ICT4SDG

Book Launch:
ICT-centric economic growth, innovation and job creation

Dr. Sharafat
Editor

"The author's internationally renowned and diverse academic backgrounds, has contributed to a both novel, analytical and quantitative treatment of the role of ICT in Sustainable Development."

Dr. Lehr
Editor

"This book will serve as a comprehensive resource for all stakeholders within the ICT-centric ecosystem"

Dr. Unwin

Dr. Giovannetti

Dr. Barker

Dr. Prasit

Dr. Aramvith

Dr. Auffret

Dr. Katz

Dr. Larson

Available now for Download at
www.itu.int/ICTimpact-study

Prof. Prasit Prapinmongkolkarn and Assoc.Prof. Supavadee Aramvith joined ICT4SDG experts and co-authored chapter 4 (Government policies) for ITU book ICT-centric economic growth, innovation and job creation. The book was launched on October 2017 at WTDC 2017 in Argentina.

Assoc. Prof. Supavadee Aramvith is invited as an speaker at ITU Global Capacity Building Symposium at Santo Domingo. She will join other experts in the session 3 - Innovative approaches to teaching and learning - the role of academic institutions in building a workforce fit for a purpose.

ITU ASP COE Training in Kunming

ITU ASP COE Training in Kunming

ITU ASP COE Training in Kunming

Workshop
Internet and IPv6 Infrastructure Security

- "Internet and IPv6 Infrastructure Security" will be held in Nonthaburi, Thailand from 14-18 May 2018.
- This training is organized jointly by the International Telecommunication Union, the **Ministry of Digital Economy and Society**, Thailand and the APNIC as part of the Broadband Access programme under the auspices of the ITU Centres of Excellence for Asia-Pacific region.

CHULA ENGINEERING
Foundation toward Innovation

Workshop:
Internet and IPv6 Infrastructure Security

- ToT Academy

Activities

- the 1st ITU-D Academia Network meeting held on 11 September 2015 in Geneva, Switzerland.
- The ITU Journal: ICT Discoveries
- ITU Kaleidoscope conference

Benefits for Academia Membership

- Network with governments, ICT companies and other academia peers from all over the world
- Contribute to international standards (include your research/patented tech)
- Contribute to development of best practices in policy-regulatory environment
- Increase your technical knowledge
- Become an editor or rapporteur of ITU documents
- Share your expertise and access training and specialized seminars
- Raise the profile of your institution at the international level
- Engage in global and regional debates
- Launch innovative public-private partnerships
- Get access to world-leading ICT statistics and studies
- Get 80% off for ITU Publications