



# 國立東華大學

National Dong Hwa University

## From the **E**ast to the **B**est

## Why I choose NDHU and Dept. of Computer Science & Information Engineering?

Spring 2019



# Largest and Most Beautiful Campus in Taiwan



# National Dong Hwa University

Excellent Comprehensive University emphasizes both academic research and teaching.

Spirit : **Freedom 、 Democracy 、 Creativity 、 Excellence**

Value : **Continuity 、 Innovation 、 Diversity 。**

# of Academic Colleges	# of Bachelor Programs	# of Master Programs	# of Executive Master Programs	# of Ph.D. Programs
8	38	43	13	18

Bachelor	Master	Ph.D	Total Students	Faculty	Ratio	Staff
7,500+	2,200+	300+	10,000+	500+ (95% PhD)	19.8 : 1.0	360+

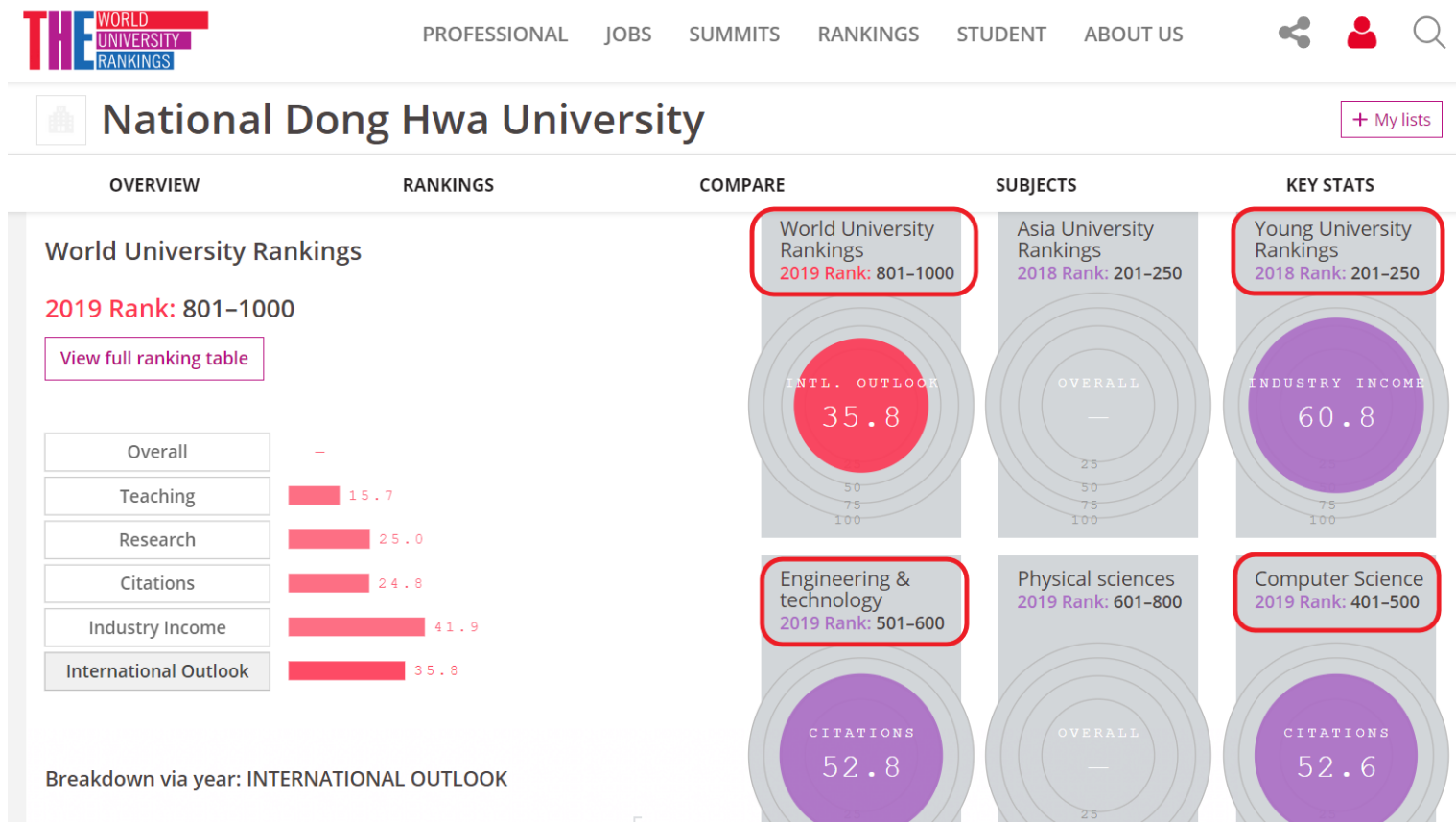
Status As 2018.11.15

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# Times Higher Education World University Ranking 2019

- 14<sup>th</sup> in Taiwan, 801~1000<sup>th</sup> in the World



泰晤士報高等教育特刊 World University Rankings 2019

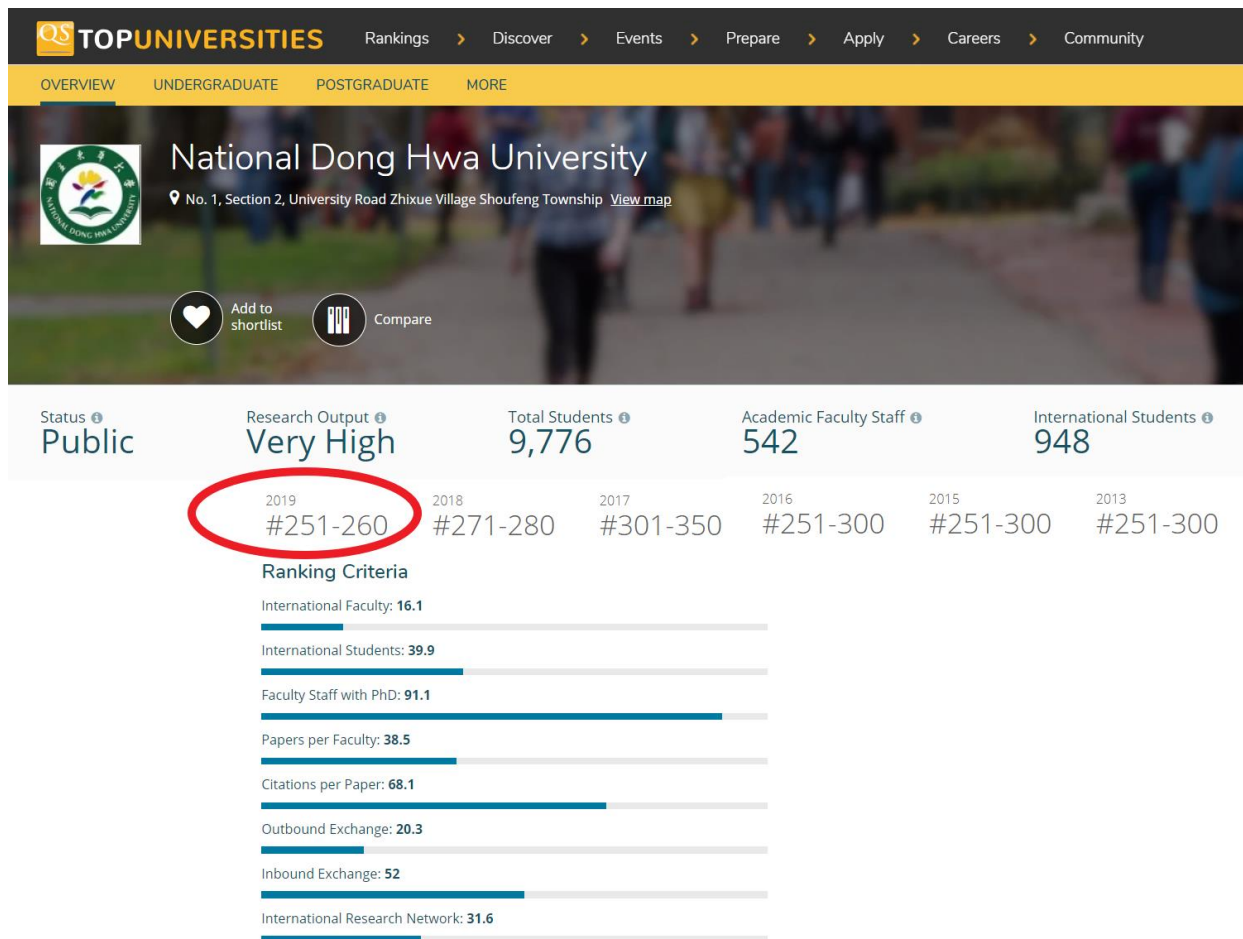
(<https://www.timeshighereducation.com/world-university-rankings/national-dong-hwa-university>)

([https://www.timeshighereducation.com/world-university-rankings/2019/world-ranking#!/page/36/length/25/sort\\_by/rank/sort\\_order/asc/cols/stats](https://www.timeshighereducation.com/world-university-rankings/2019/world-ranking#!/page/36/length/25/sort_by/rank/sort_order/asc/cols/stats)) Page 4



# QS Asian University Rankings

- National Dong Hwa University , **#251~260<sup>th</sup> in Asia**



QS Top Universities – Asian University Rankings (亞洲 **#251~260**)  
(<https://www.topuniversities.com/universities/national-dong-hwa-university>)

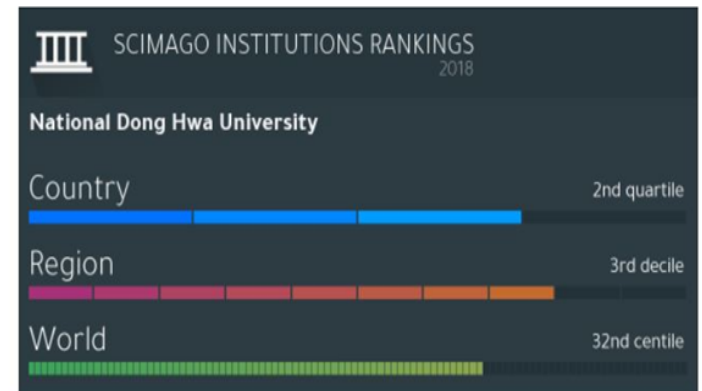
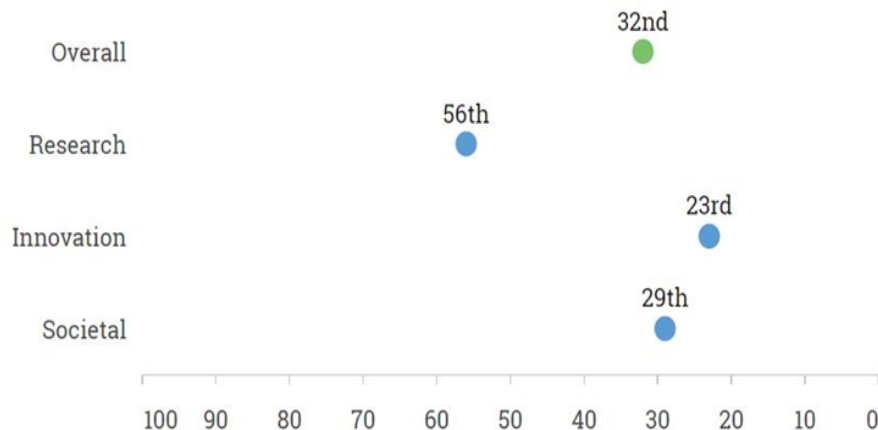
# SCImago Research Article Ranking

National Dong Hwa University 

Taiwan

**NDHU research papers had Good Quality and High Impact in Academic.**

## Percentiles



How to embed this widget in your website?

# Campus at a glance







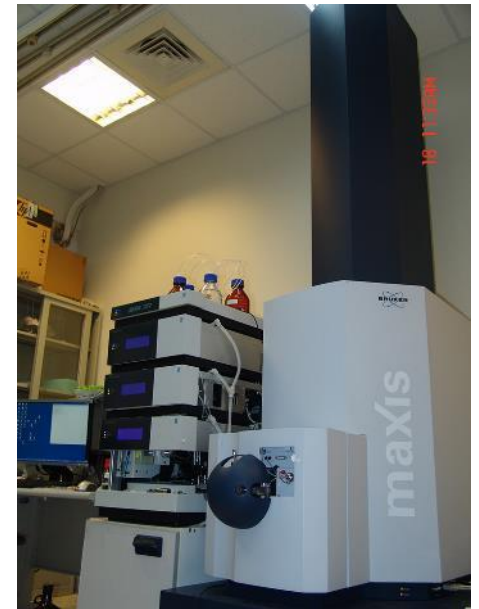
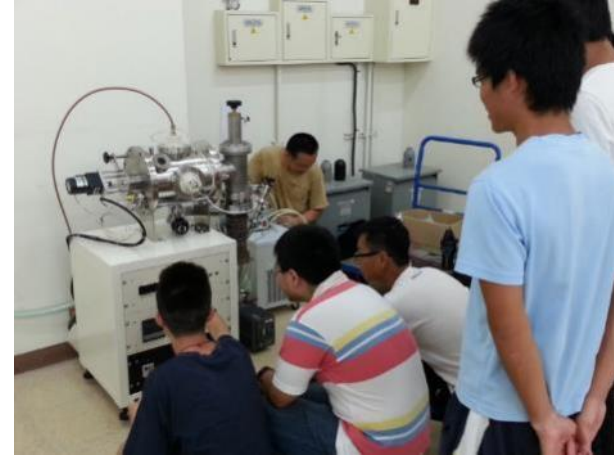


# NDHU E-Learning Environment

- **Academic Network Hub Center of Taiwan**
- **Complete E-Learning Environment**  
ex: Long-Distance Learning classroom, Multimedia classroom, e-learning platform, e-systems...etc.
- **Fully covered by high-speed internet access 24-hrs**  
including academic buildings, dorm rooms, & sport fields.



# State-Of-The-Art Equipment





# NDHU Library

**13,000 sq meter, more than 1,500,000 books**



**Reading Room**



**Display Area**



**Microfilm Room**

# Campus Buildings

Engineering Building (Department Offices of CSIE and Electronic Engineering )

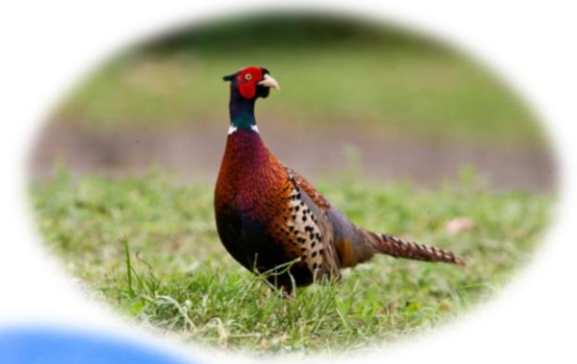


Indigenous Studies Building



# Campus Facility

- **Dormitory : 6,000 Air-Conditioned rooms guaranteed for all international students**
- Shuttle Bus
- Library & Computer Center
- Bookstore, Cafeteria, Restaurants
- Banks, Postal Office, Coffee Shop
- **Golf Court, Rock Climbing Arena**
- **Cricket Ball, Football, Soccer fields**
- **Swimming Pool (in/outdoor)**
- **Kayak, Sailboat**
- Basketball, Volleyball, Badminton, Tennis Court
- Gym, Weight Training, Running Track
- Bicycle Lanes
- Guest Hotel





# Modern Dormitory & Living Space

- All new 6000 **Air-Conditioned** private rooms with bathroom inside.
- Bright large living space.
- **Dormitories are guaranteed for all international students.**
- **Prayer rooms**, Kitchens, Community rooms, Study centers.
- 24-hr Managers and Campus policemen on duty.
- Campus Shuttle Bus run between campus and downtown every hour.
- Comfortable and Convenient living environment.



# Modern Dormitory (inside)





# Facility – Prayer Room (Mushollah)





# Sport Facility





# Multivariate Courses



- Kayak, Sailboat, Rock Climbing, Diving, Whale Watching
- TV studio、3D Print、Maker Space





# Multivariate Courses









# Various Eatery on campus





# Student's Entertainment



Night Market



Concert Festival



Movie Theater



Ocean Beach



# Student's Entertainment



Kayak 、 River Tracking 、 Natural Wonder





# Student's Entertainment

Hiking 、 Kayak 、 River Tracking 、 Natural Wonder





# International Campus

- Cooperate and Exchange agreement with > 350 universities around the world, including Asia, Europe, North America, Africa...
- Bachelor, Master, and Ph.D Programs Taught in English
- Scholarships for International students
- Free fundamental Chinese classes
- Bilingual Staff to assist students



# International Students on campus

	2013-14 School Year	2014-15 School Year	2015-16 School Year	2016-17 School Year	2017-18 School Year
<b>International</b>	<b>160</b>	<b>205</b>	<b>233</b>	<b>271</b>	<b>269</b>
Exchange	155	283	388	348	137
Oversea Chinese	230	254	318	397	436
<b>Total</b>	<b>545</b>	<b>742</b>	<b>939</b>	<b>1016</b>	<b>842</b>

**Note: Students graduate each semester.**

**Here is the total in-status student counts as of 2018.11.01**



# Low Cost for Higher Education

2018~2019 Estimated Expenses to Study at NDHU (Bachelor)				(Master & Ph.D. )		
	NTD/semester	NTD/year	USD/year	NTD/semester	NTD/year	USD/year
Personal Expenses				Personal Expenses		
Dormitory Fee	9,500 NTD	19,000 NTD	633 USD	10,700 NTD	21,400 NTD	713 USD
Dormitory Deposit	1,000 NTD	2,000 NTD	67 USD	1,000 NTD	2,000 NTD	67 USD
Book/Supplies	10,000 NTD	20,000 NTD	670 USD	10,000 NTD	20,000 NTD	670 USD
Living Costs Food, transportation etc.	36,000 NTD	72,000 NTD	2,400 USD	36,000 NTD	72,000 NTD	2,400 USD
Student insurance fee, ...etc	5,000 NTD	10,000 NTD	333 USD	5,000 NTD	10,000 NTD	333 USD
Total Personal Expenses	61,500 NTD	123,000 NTD	4,100 USD	62,700 NTD	125,400 NTD	4,180 USD
Tuition fees and Miscellaneous fees				Tuition Fees and Credit Fees		
College of Science and Engineering	55,580 NTD	111,160 NTD	3,750 USD	25,800 NTD	51,600 NTD	1,720 USD
				3,060/credit	3,060/credit	102USD/credit
Total Expenses				Total Expenses		
Total Expenses	117,080	234,160	7,850	88,500	177,000	5,900
	NTD	NTD	USD	+(3,060*credit) NTD	+(3,060*credit) NTD	+(102*credits) USD

NTD = New Taiwanese Dollar, USD = U.S. Dollar

First-year students should anticipate additional expenses to settle down.  
(e.g. computer, bed sheet, pillowcase, etc.)

The above amounts are estimated and will be affected by choice of living style and personal needs.



# Financial Aid / Scholarship

# National Dong Hwa University #		# Other Organizations #		
Scholarship	Description	Scholarship	Description	
NDHU International Student Scholarship	Tuition 50% ~ 100% Waiver Bachelor Students: Stipend NT\$20,000 / semester Master's and Doctoral Students: Stipend NT\$30,000 / semester	Vest 500 Project	Tuition Waiver Stipend Insurance Fee Round-trip Economy-class Ticket (Vietnamese only)	
NDHU Southward Scholarship	Doctoral Students Only Tuition 100% Waiver -- not include accommodation and other expenses (not including agency, insurance, and Internet fees) Stipend: NT\$6,000/ month Research Incentive: NT\$8,000/ month	Mekong 1000 Project	Tuition Waiver Stipend Round-trip Economy-class Ticket (Vietnamese only)	
# Government Agencies #		Danang Project	Tuition Waiver Stipend Insurance Fee Round-trip Economy-class Ticket (Vietnamese only)	
Scholarship	Description		Tuition Waiver Stipend Insurance Fee Round-trip Economy-class Ticket (Indonesian only)	
Taiwan Scholarship	Ministry of Foreign Affairs (MOFA) Stipend: NT\$30,000 / month Tuition 50% Waiver  Ministry of Education (MOE) Bachelor Stipend: NT\$15,000 / month Master's and Doctoral Stipend: NT\$20,000 / month Tuition 100% Waiver		BUDI Project	Tuition Waiver Stipend Insurance Fee Book Fee (Indonesian only)
			Thai Elite 600 Project	Tuition Waiver Stipend Insurance Fee Round-trip Economy-class Ticket (Thai only)
			Southern Sunshine Scholarship (SSS) Project	Tuition Waiver Stipend

NDHU Financial Aid Application: <http://www.oia.ndhu.edu.tw/files/11-1114-8592.php?Lang=zh-tw>



# **In Athletic Competitions**



**El Salvador won the Copa America TAIWAN edition tournament in 2016**

**Volunteer to teach young kids play football in TAIWAN**



# Intercollegiate Sport





# Extend myself into Taiwan Community



# In Academic Learning





# Excellent Academic Performances



# Chinese Class for Int'l Students





# Chinese Class for Int'l Students





# On-Campus Events for Int'l Students

## Int'l Cultural Festival & Fusion Cuisine Competition

2018.05.17





# On-Campus Events for Int'l Students

## Int'l Cultural Festival & Fusion Cuisine Competition

2017.05.16





# On-Campus Events for Int'l Students

## Int'l Cultural Night on 2018.11.22

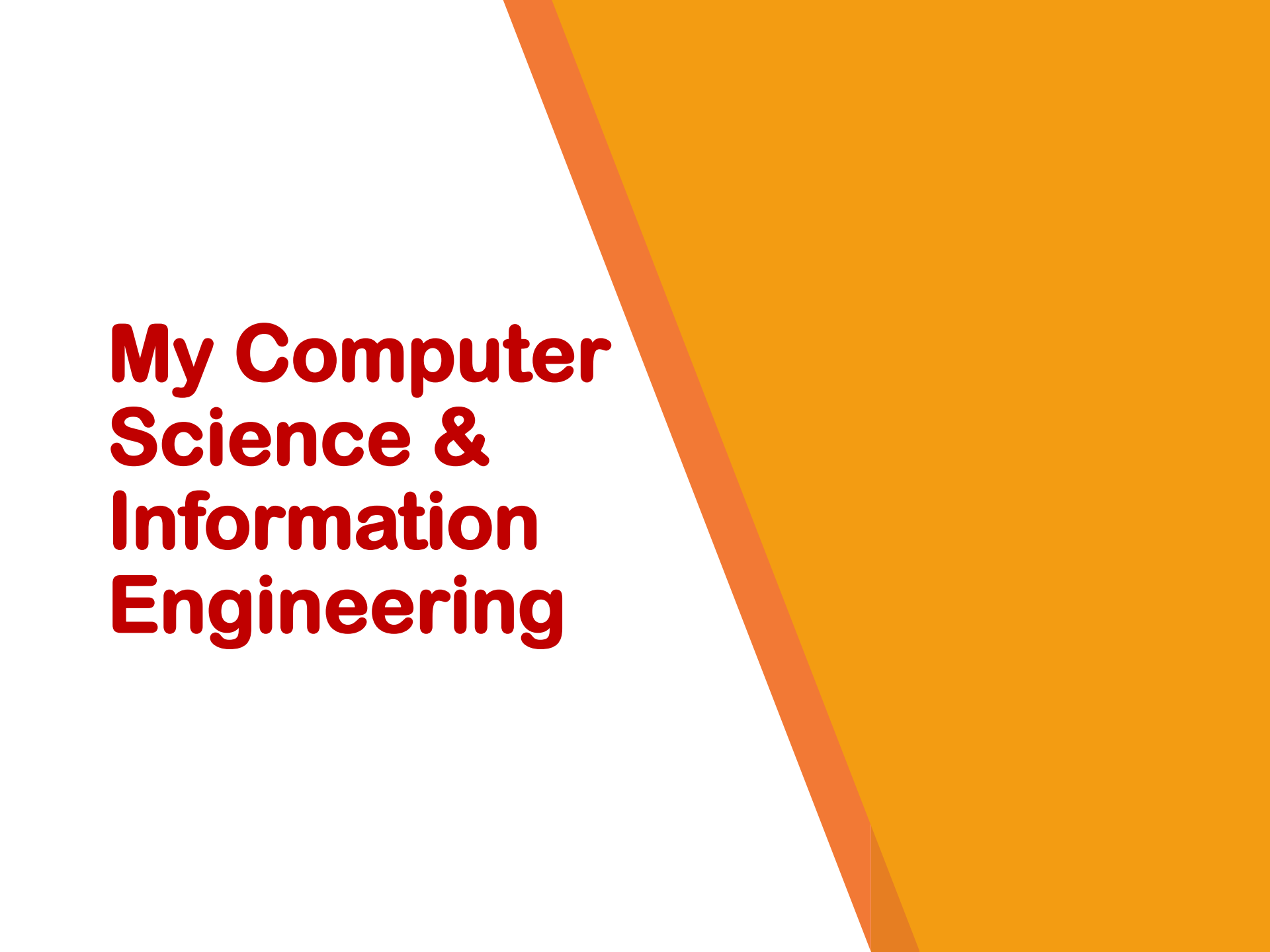




# **On-Campus Events for Int'l Students**

## **Int'l Cultural Night on 2018.11.22**





# **My Computer Science & Information Engineering**



**Department of Computer Science & Information Engineering**  
**National Dong Hwa University, Taiwan, R.O.C.**

國立東華大學資訊工程學系

Tel: +886-3-890-5016

<http://www.csie.ndhu.edu.tw>

Fax: +886-3-890-0168



## Admission Advantage

NDHU ranks **801~1000<sup>th</sup>** in Time's Higher Education World University Rankings®, **251-260<sup>th</sup>** in QS Top University Rankings Asia, **1023<sup>th</sup>** in World University Ranking by Academic Performance (URAP), **14<sup>th</sup>** in University Ranking by Academic Performance in Taiwan. **Dept of CSIE** ranks 554<sup>th</sup> (Taiwan 6<sup>th</sup>) in Engineering Technology and **463<sup>th</sup>** (Taiwan 7<sup>th</sup>) in Computer Science subjects in 2019 World Ranking of Academic Performance. Our research opportunities and performances are outstanding and remarkable. The supportive faculty and excellent learning environment will definitely promote and advance your career.



CSIE Professors in charity marathon



Artificial Intelligence won over Human



NDHU campus view



CSIE's Program won gold medal



CSIE's Academic Excellent Awardees



NDHU library



Dormitory interior



College of Science & Engineering



CSIE Departmental badminton team



CSIE in Foreign students' event



NDHU Canoeing Class



Indoor-Outdoor swimming



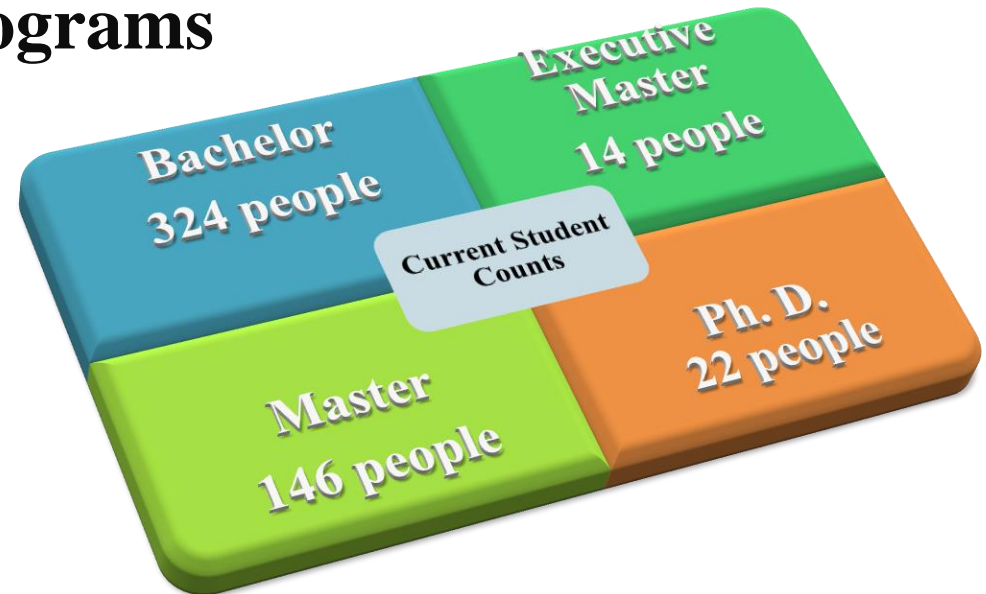
NDHU Windsurfing Class



# Department of Computer Science & Information Engineering

- **Most comprehensive programs**

- Bachelor
- International Bachelor
- Master
- International Master
- Executive Master
- Ph.D.

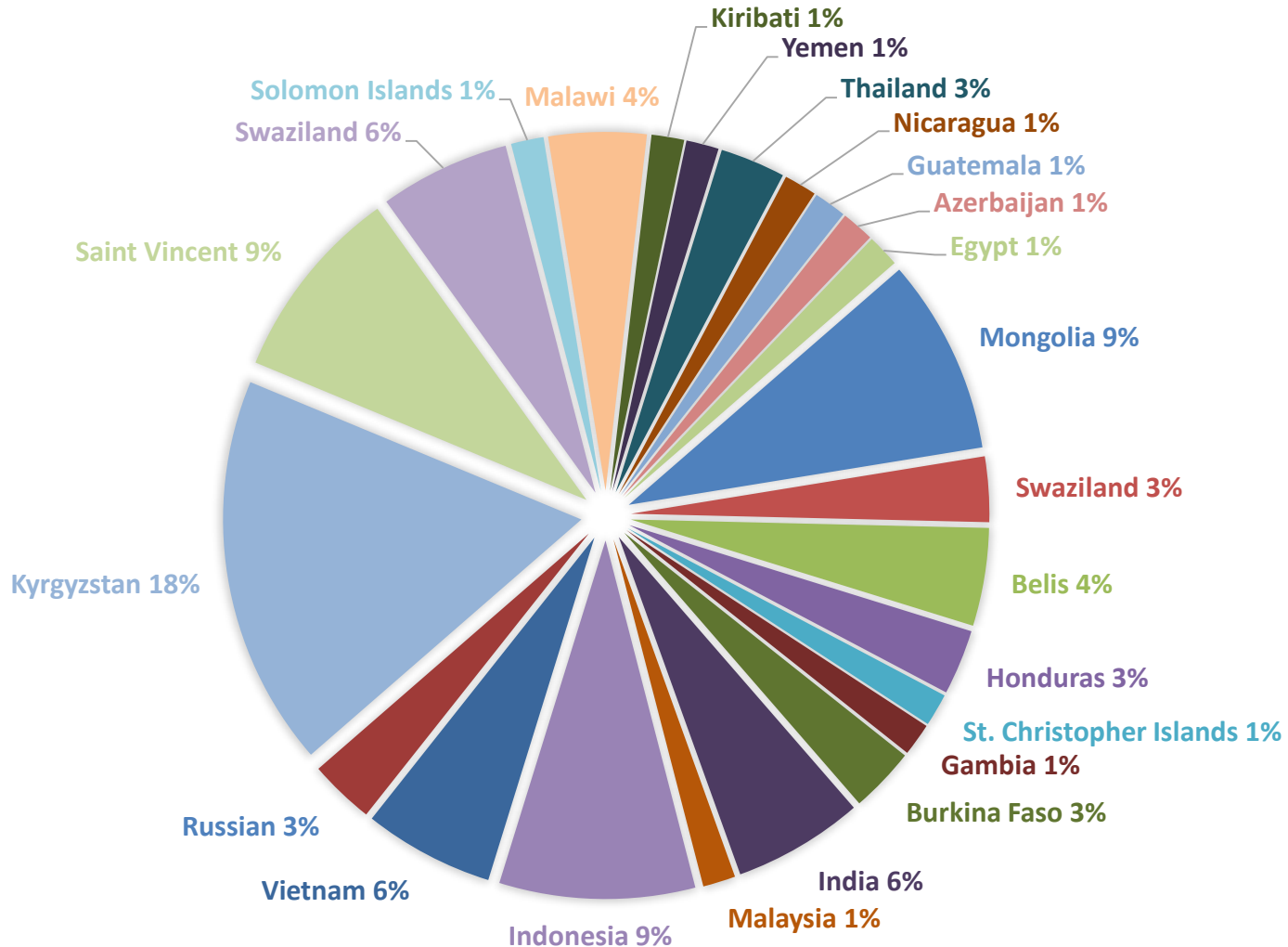


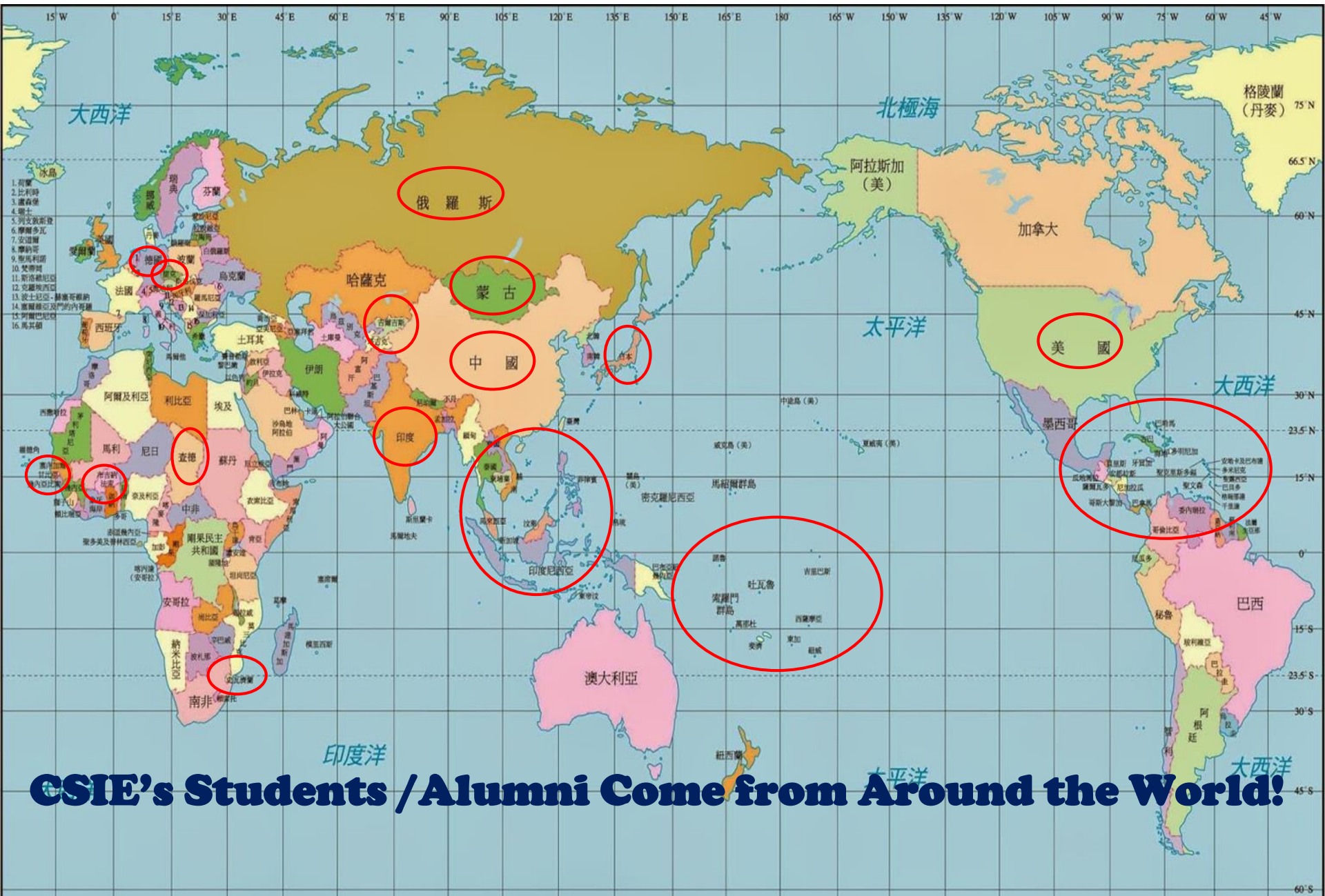
- ✓ Dept of CSIE ranks **554<sup>th</sup>** (Taiwan 6<sup>th</sup>) in **Engineering Technology** and **463<sup>th</sup>** (Taiwan 7<sup>th</sup>) in **Computer Science** subjects in 2019 World Ranking of Academic Performance.
- ✓ Outstanding and Remarkable research opportunities and performances.
- ✓ Supportive faculty and excellent learning environment definitely advance your career.



# Internationalized Department

✓ CSIE's Students come from Around the World!





**CSIE's Students / Alumni Come from Around the World!**



# Faculty Team

## 資訊工程學系

Department of Computer Science  
and Information Engineering (CSIE)

### 軟體系統與 應用研究群

Software Sys & App

### 多媒體研究群

Multimedia Tech & App

### 網路與系統 研究群

Network and System

**吳秀陽 教授** Professor Hsiao-Yang Wu

**學歷背景**  
美國德州大學奧斯汀校區計算機科學博士  
Dept. of Computer Science, University of Texas at Austin, U.S.A.

**研究興趣**  
網路系統與管理、行動裝置與網路、分散式系統、嵌入式系統、RFID網路環境、網路管理  
Distributed Systems, Network and Cloud Computing, Embedded Systems, Wireless Sensor Networks, Network Management

**聯絡資訊** Lab/Phone: 93-853-4020 / 4031  
E-Mail: hsyang@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Network Computing and Data Management (2007, 2008, 4030)

**周世杰 教授** Professor Hsieh-Chieh Chen

**學歷背景**  
國立交通大學資訊工程博士  
Dept. of Computer Science and Information Engineering, National Tsing-Tung University, Taiwan

**研究興趣**  
網路工程、系統分析與設計、物件導向軟體開發、系統、軟體測試、軟體維護與工程  
Network Engineering, System Analysis and Design, Software Development, System Maintenance

**聯絡資訊** Lab/Phone: 93-853-4034  
E-Mail: cchen@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Software Engineering (2003, 2004, 4037)

**顏士淨 教授** Professor Yan Shih-Yen

**學歷背景**  
國立台灣大學資訊工程博士  
Dept. of Computer Science and Information Engineering, National Taiwan University, Taiwan

**研究興趣**  
人工智慧、電腦對策、機器學習  
Artificial Intelligence, Computer Games, Machine Learning

**聯絡資訊** Lab/Phone: 93-853-4031  
E-Mail: syen@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Artificial Intelligence (2003, 2004, 4031)

**李官陵 教授** Professor Li-Kuan-Ling

**學歷背景**  
國立清華大學資訊工程博士  
Dept. of Computer Science, National Tsing-Hua University, Taiwan

**研究興趣**  
資料庫、行動計算、資料探勘  
Mobile Computing, Database, Data Mining

**聯絡資訊** Lab/Phone: 93-853-4030  
E-Mail: kling@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Mobile Computing and Knowledge Engineering (2007, 2008, 4034)

**彭勝龍 教授** Professor Peng Sheng-Long

**學歷背景**  
國立清華大學資訊工程博士  
Dept. of Computer Science, National Tsing-Hua University, Taiwan

**研究興趣**  
演算法學、圖形理論、生物資訊學  
Computer Algorithms, Graph Theory, Bioinformatics

**聯絡資訊** Lab/Phone: 93-853-4038  
E-Mail: slpeng@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Graphs and Bioinformatics Algorithms (2004, 2005, 4036)

**高偉英 教授** Professor Gao Wei-Ying

**學歷背景**  
交通大學資訊管理研究所博士  
Dept. of Information Management, National Chiao Tung University, Taiwan

**研究興趣**  
智慧型決策、柔性運籌、最佳化方法與應用  
Optimization Methods and Applications, Soft Computing, Intelligent Decisions

**聯絡資訊** Lab/Phone: 93-853-4055  
E-Mail: wying@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Decision Support System Laboratory (2004, 2005, 4038)

**張道顯 教授** Professor Chang Dao-Hsien

**學歷背景**  
台灣師範大學資訊教育研究所博士  
Institute of Information and Computer Education, National Taiwan Normal University, Taiwan

**研究興趣**  
資訊安全、網路服務、工作流、軟體工程  
Information Security, Internet Services, Workflow, Software Engineering

**聯絡資訊** Lab/Phone: 93-853-4056  
E-Mail: dhsien@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Internet Computing and Application (2004, 2005, 4039)

**林信鋒 教授** Professor Lin Hsin-Feng

**學歷背景**  
美國密西沙加大學電腦博士  
Dept. of Electrical Engineering, Mississippi State University, U.S.A.

**研究興趣**  
信號處理、影像處理、影像/視訊壓縮、資訊安全  
Signal/Image Processing, Image/Video Compression, Information Security

**聯絡資訊** Lab/Phone: 93-853-4019 / 3901  
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**專長領域** Lab/Phone: Image and Video Processing (2007, 2008, 4040)

**楊慶隆 教授** Professor Yang Ching-Yung

**學歷背景**  
國立成功大學電機工程博士  
Dept. of Electrical Engineering, National Cheng-Kung University, Taiwan

**研究興趣**  
網路與網路安全、密碼學、密碼理論  
Cryptography, Information and Network Security, Coding Theory

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**專長領域** Lab/Phone: Information Security (2004, 2005, 4042)

**江政欽 教授** Professor Jiang Cheng-Ching

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國立交通大學資訊工程博士  
Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan

**研究興趣**  
網路網路、影像處理、圖形學、智慧型人機介面  
Network, Image Processing, Pattern Recognition, Intelligent Human-Machine Interface

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**專長領域** Lab/Phone: Multimedia Interaction Technology (2003, 2004, 4043)

**楊茂村 教授** Professor Yang Mao-Tsun

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Dept. of Computer Science and Engineering, Pennsylvania State University, U.S.A.

**研究興趣**  
電腦視覺、影像處理、虛擬實境  
Computer Vision, Digital Image Processing, Virtual Reality

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E-Mail: mtsun@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Computer Vision and Virtual Reality (2003, 2004, 4040)

**張意政 教授** Professor Zhang Yi-Cheng

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國立清華大學電機工程博士  
Dept. of Electrical Engineering, National Tsing-Hua University, Taiwan

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影像處理、電腦視覺、電腦繪圖  
Image Processing, Computer Vision, Computer Graphics

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**賴志宏 教授** Professor Lai Chih-Hong

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Dept. of Computer Science and Information Engineering, National Central University, Taiwan

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數位學習、學習科技、程式設計  
Digital Learning, Learning Technology, Mobile Learning

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**專長領域** Lab/Phone: Learning Technology (2004, 2005, 4041)

**黃振榮 教授** Professor Huang Chen-Yung

**學歷背景**  
國立中山大學電機系計算機組博士  
Dept. of Electrical Engineering, National Sun Yat-Sen University, Taiwan

**研究興趣**  
機器學習、智慧網路、嵌入式系統、數位學習  
Machine Learning, Wireless Network, Embedded Systems, Electronic Learning

**聯絡資訊** Lab/Phone: 93-853-4021 / 2951  
E-Mail: cyh@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Intelligent Systems (2003, 2004, 4044)

**蔡正雄 教授** Professor Tsai Cheng-Hong

**學歷背景**  
交通大學資訊科學系博士  
Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan

**研究興趣**  
容錯計算、同儕計算、連結網路、嵌入式系統  
Fault-Tolerant Computing, Peer-to-Peer Computing, Interconnection Networks, Embedded Systems

**聯絡資訊** Lab/Phone: 93-853-4033  
E-Mail: chtsai@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Distributed Computing (2004, 2005, 4042)

**紀新洲 教授** Professor Kuo Hsin-Chao

**學歷背景**  
美國加州大學洛杉磯分校計算機科學博士  
Dept. of Computer Science, University of California, Los Angeles, U.S.A.

**研究興趣**  
計算機結構、平行處理、超大型、硬體電路設計、嵌入式系統  
Computer Architecture, Parallel Processing, VLSI Design, Embedded Systems

**聯絡資訊** Lab/Phone: 93-853-4058  
E-Mail: chkuo@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Computer Systems (2004, 2005, 4043)

**羅壽之 教授** Professor Shiao-Chih Lo

**學歷背景**  
國立清華大學資訊工程博士  
Dept. of Computer Science, National Tsing-Hua University, Taiwan

**研究興趣**  
行動計算、無線網路、資訊服務  
Mobile Computing, Wireless Network, Information Services

**聯絡資訊** Lab/Phone: 93-853-4026  
E-Mail: shiao@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Wireless Mobile Systems Engineering (2007, 2008, 4046)

**相賢蓮 教授** Professor Hsiao-Lien Lai

**學歷背景**  
國立交通大學資訊科學博士  
Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan

**研究興趣**  
連結網路、錯誤診斷、圖形學、容錯計算  
Interconnection Networks, Error Diagnosis, Graph Theory, Fault Tolerant Computing

**聯絡資訊** Lab/Phone: 93-853-4035  
E-Mail: hlien@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Wireless Network and Ad-Hoc Network Computing (2007, 2008, 4042)

**陳晏秀 教授** Professor Chen Yan-Shou

**學歷背景**  
國立中正大學資訊工程博士  
Dept. of Computer Science and Information Engineering, National Chung Cheng University, Taiwan

**研究興趣**  
電腦網路、無線網路、雲端網路  
Computer Networks, Wireless Network, Cloud Network

**聯絡資訊** Lab/Phone: 93-853-4034  
E-Mail: shan@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Advanced Network Technology (2007, 2008, 4045)

**雍忠 教授** Professor Chung Yung

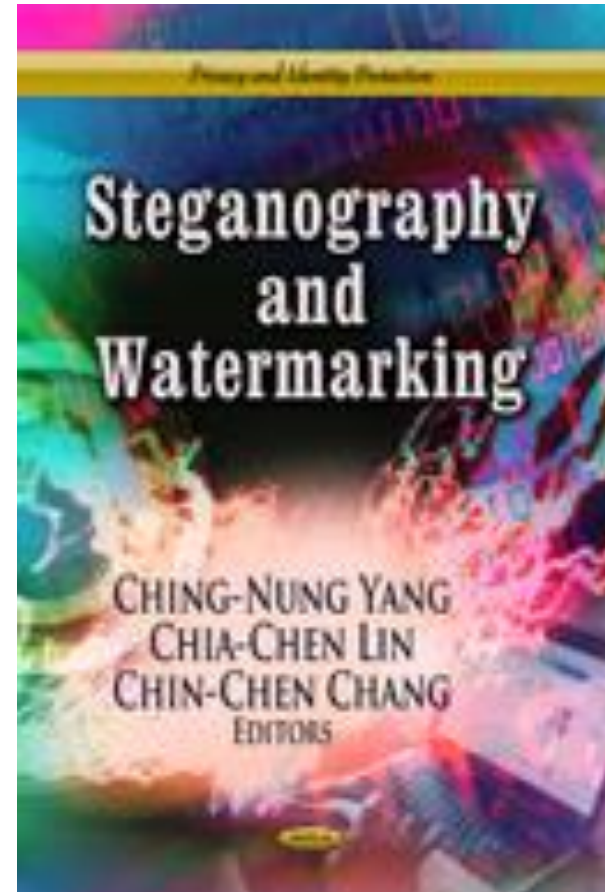
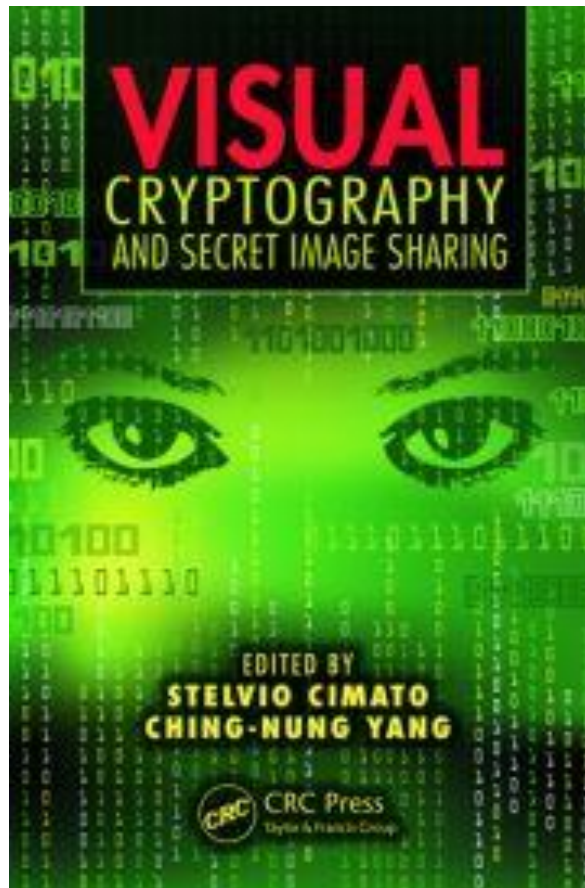
**學歷背景**  
美國紐約大學計算機科學博士  
Dept. of Computer Science, New York University, U.S.A.

**研究興趣**  
溝通模式、程式分析、雲端系統、最佳化  
Cloud Computing, Web Technology, Mobile Software, Compiler

**聯絡資訊** Lab/Phone: 93-853-4077  
E-Mail: yung@csie.ndhu.edu.tw

**專長領域** Lab/Phone: Computer Technology and Application (2003, 2004, 4048)

# English Textbook written by our professors





# Our Professors with IET Fellow honor



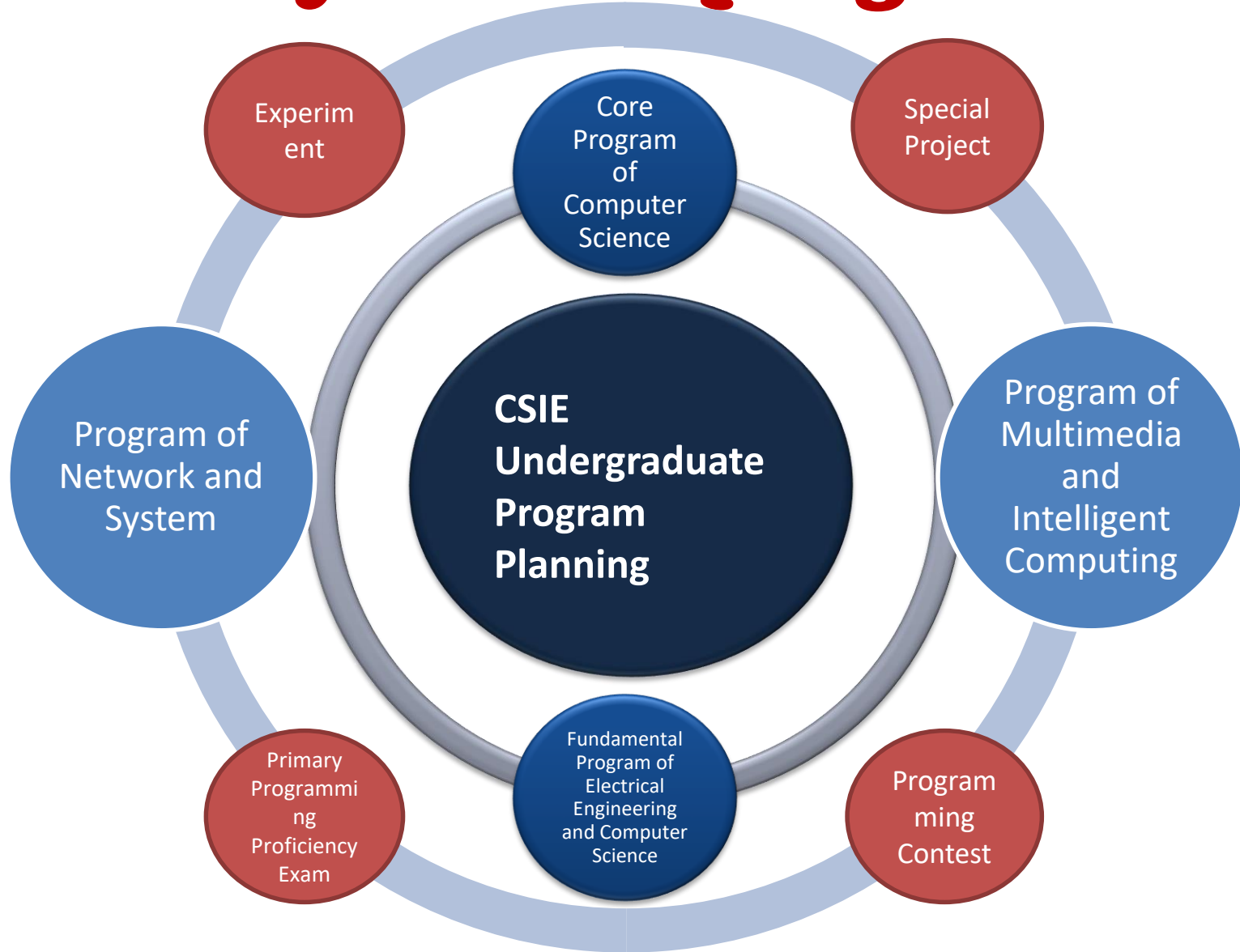
Prof. David Shin-Feng Lin  
Signal/Image Processing, Image/Video  
Compression



Prof. Ching-Nung Yang  
Information and Network Security  
Cryptography Coding Theory

Page 47

# Flexible yet Solid program design

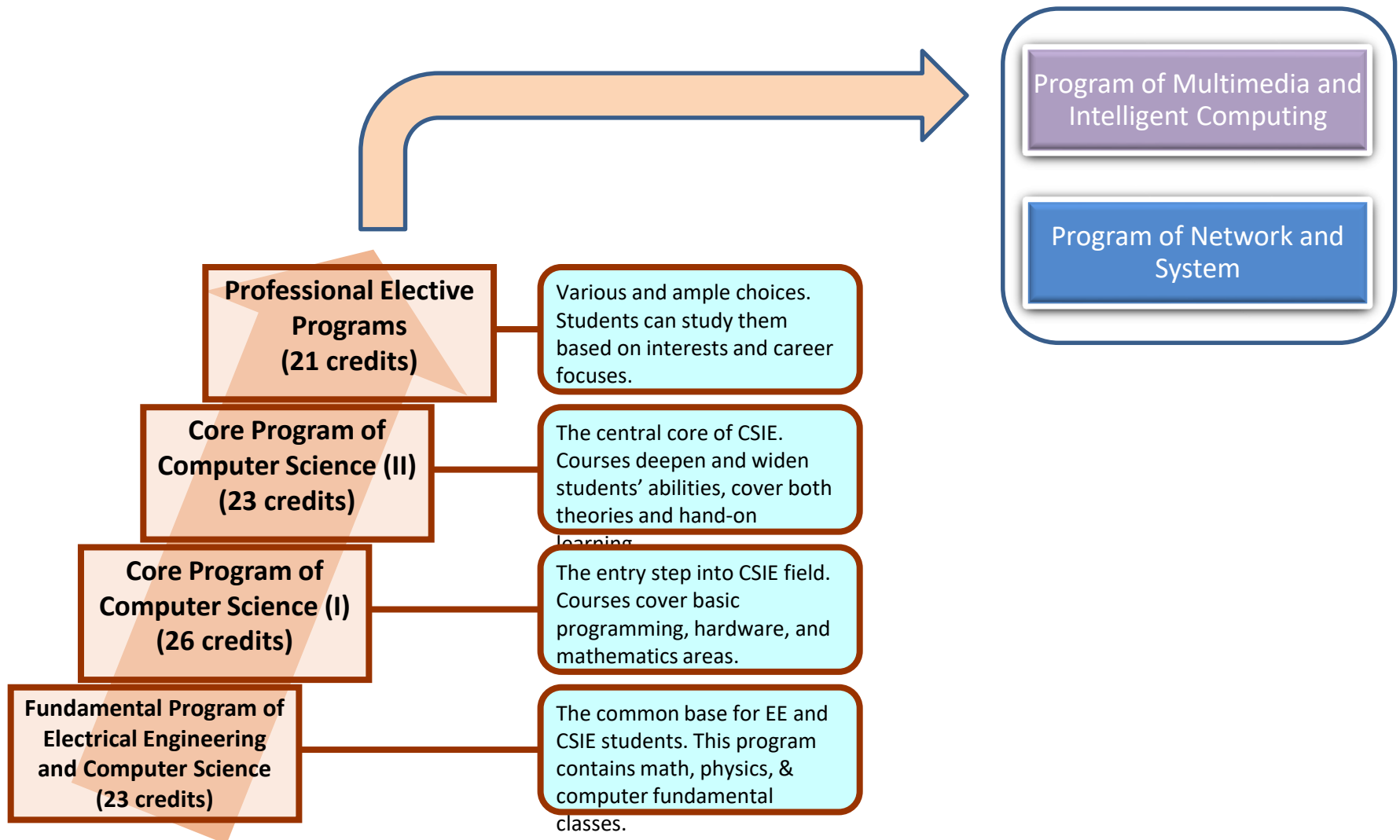




# Modularized Program

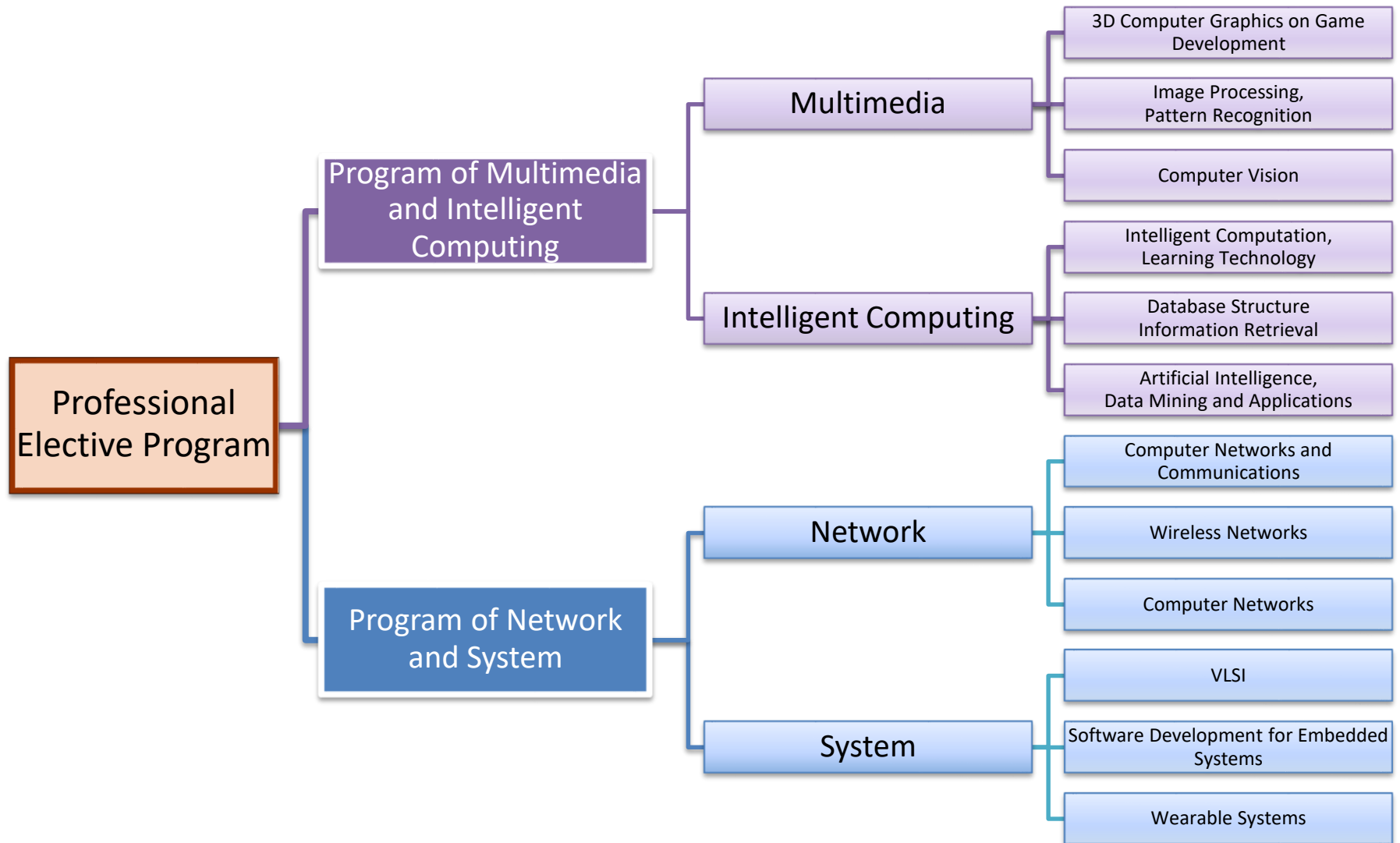
College of Science and Engineering	Professional Elective Programs	Core Program	Fundamental Program	Liberal Arts
Interdisciplinary Course Program	Program of Nanotechnology 21			
DEPARTMENT OF Applied Mathematics	Program of Stat. & Data Analysis 21 Program of Adv. Math 21 Program of Information Science & Math Computation 21 Program of Mathematical Science 27	Core Program of Mathematics (I) 26 Core Program of Mathematics (II) 21 Core Program of Stat. Science (I) 26 Core Program of Stat. Science (II) 21	Fundamental Program of Applied Math. 23	<div>University Core Curriculum 43 credits (Languages 9 credits 、 Physical Education 4 credits 、 Service Learning 2 credits 、 Elective Core Courses 28 credits)</div>
DEPARTMENT OF Electrical Engineering	Program of Computer and Communications 21 Program of Microelectronics and Control 21	Core Program I of Electrical Engin. 25 Core Program II of Electrical Engin. 25	Fundamental Program of Electrical Engineering 23	
DEPARTMENT OF Computer Science and Information Engineering	Program of Multimedia Technologies and Applications 21 Program of Network and System 21	Core Program of Computer Sci. (I) 26 Core Program of Computer Sci. (II) 23	Fundamental Program of Electrical Engineering and Computer Science 23	
DEPARTMENT OF Physics	Program of Nano Science and Optoelectronics 21 Program of Theoretical and Computational Physics 21 Program of Biophysics and Material Physics 21	Core Program of Physics (I) 22 Core Program of Physics (II) 23	Fundamental Program of Science 21~22	

# CSIE Undergraduate Programs





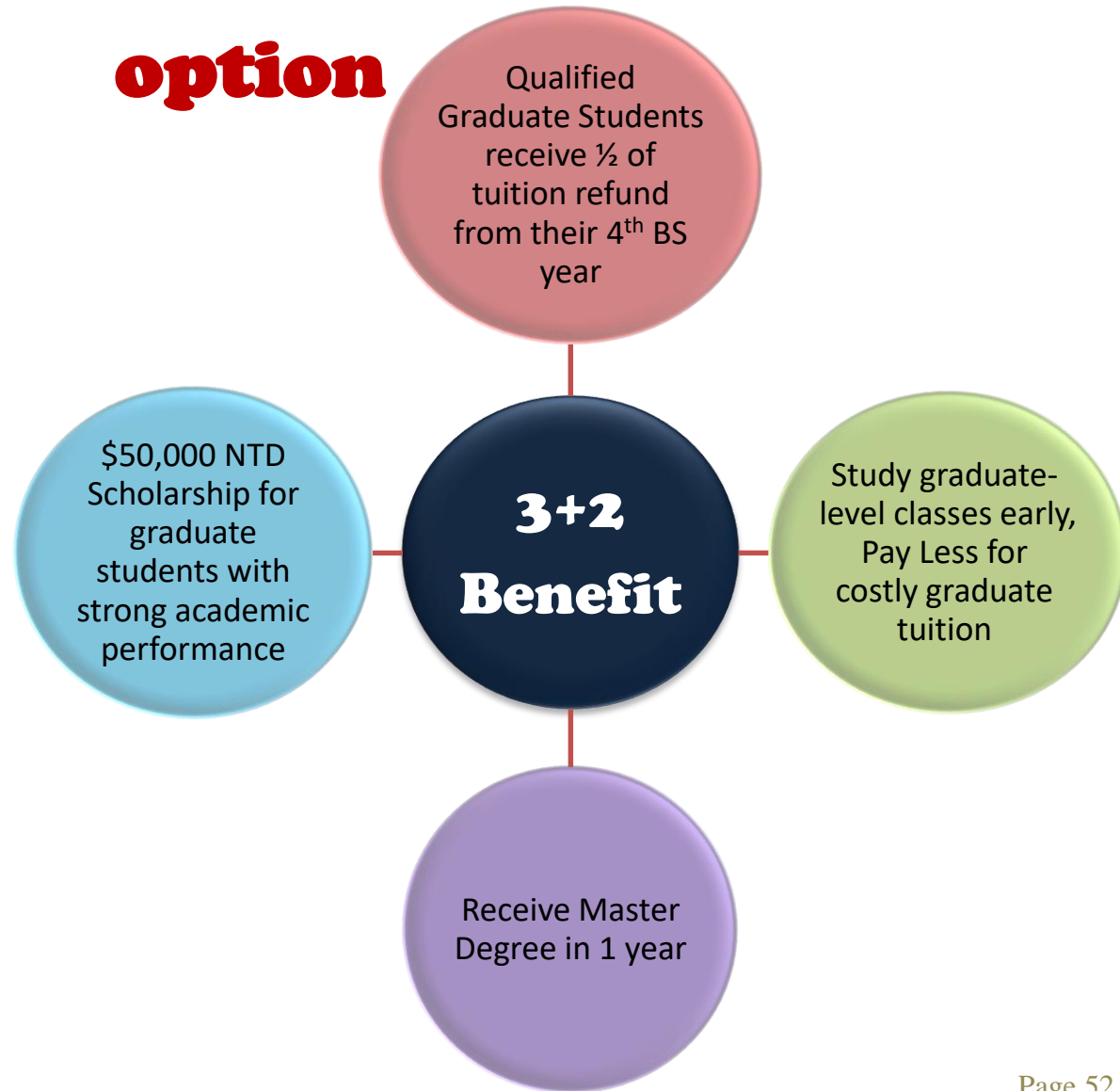
# Professional Elective Program



# NDHU CSIE—5 Year for Bachelor & Master


- Beginning from the 2<sup>nd</sup> semester of the 3<sup>rd</sup> year, undergraduate students can apply for the permission to study the graduate-level courses. Once approved, such students become “pre-qualified graduate students”.
- The pre-qualified graduate students should receive their bachelor degrees on or before the 2<sup>nd</sup> semester of the 4<sup>th</sup> year (or the 8<sup>th</sup> semesters in total), and participate the examination or the application selection to enter the master program. Once approved, such students become true graduate students of CSIE.
- Students pay full tuition fee in the 4<sup>th</sup> year, and apply for 50% refund in the 1<sup>st</sup> year of their graduate program

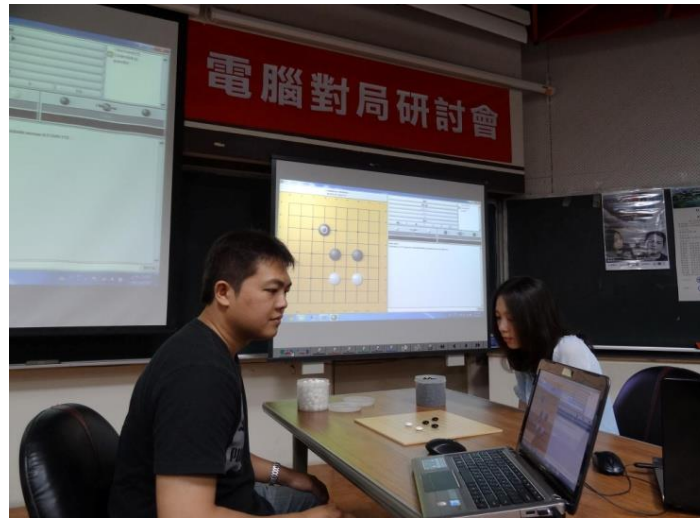
## option





# Great Achievements by our students

- **5 Gold 2 Silver 1 Bronze Prizes** from ICGA Computer Olympic Competition, 2018.
  - Chinese Chess Artificial Intelligent Software—**NDHU 7**, successfully challenged human brain for the **World Record, on June, 30, 2013**.
  - Chinese Chess Artificial Intelligent Software—**Cold Milk**, won Professional Chess Player (Level 5) in November, 2012.
- 



# Great Achievements by our students



AI+4  
Data Security  
Cloud Gaming  
Computing  
Internet  
Social Network  
MANET, WSN  
Fog AR  
IoT  
Blockchain  
VR  
e-Learning  
Internet Security  
K12 Wearable  
FinTech  
Security  
5G  
SDN  
IR

THE 24TH  
**2018 TANET**  
Taiwan Academic Network Conference  
臺灣網際網路研討會@NCU

科技部資訊工程X智慧計算學門成果發表會

## 最佳論文獎

以區塊鏈建置學分幣完成公平的校園選課系統

楊慶隆, 陳識宇, 高語謙, 向思遠, 陸海量, 莊份庭

### 大會主席

教育部  
資訊及科技教育司代理司長

劉文惠

國立中央大學  
電子計算機中心主任

周立德

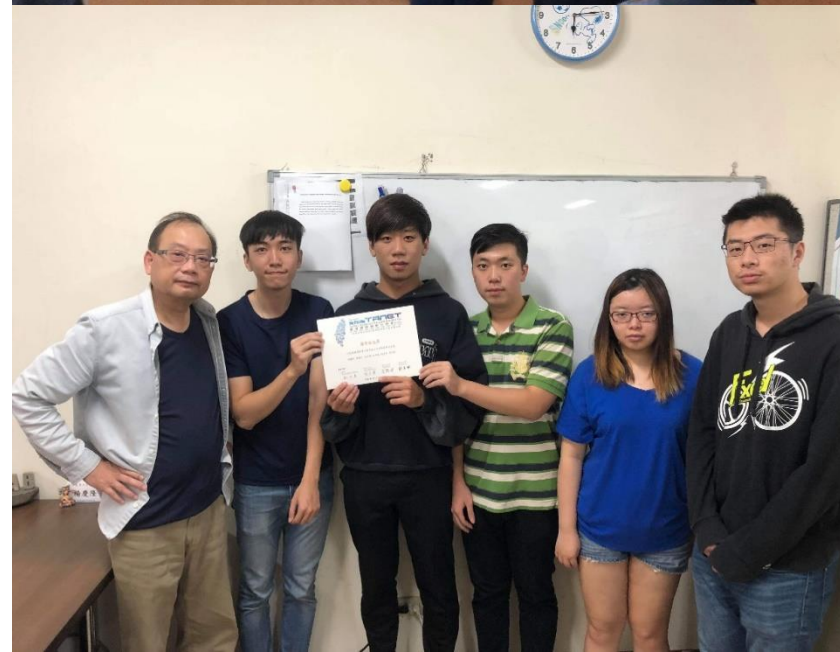
國立中央大學  
資電學院院長

范國清

國立中央大學  
管理學院院長

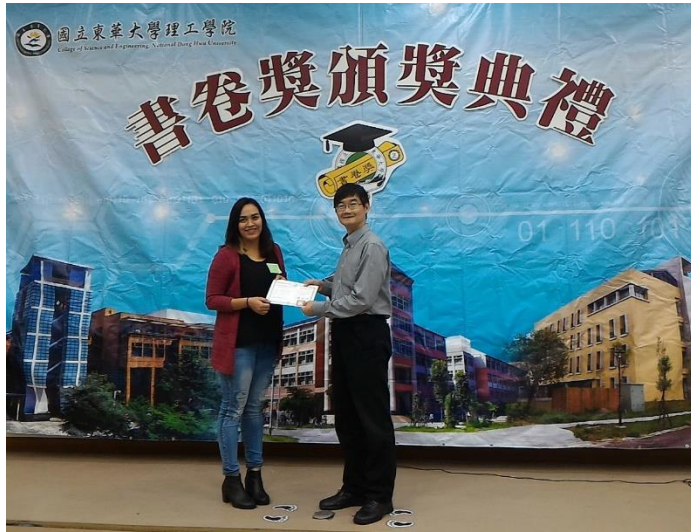
許秉瑜

中華民國 107 年 10 月 24 日





# Great Achievements by our students





# Great Achievements by our students



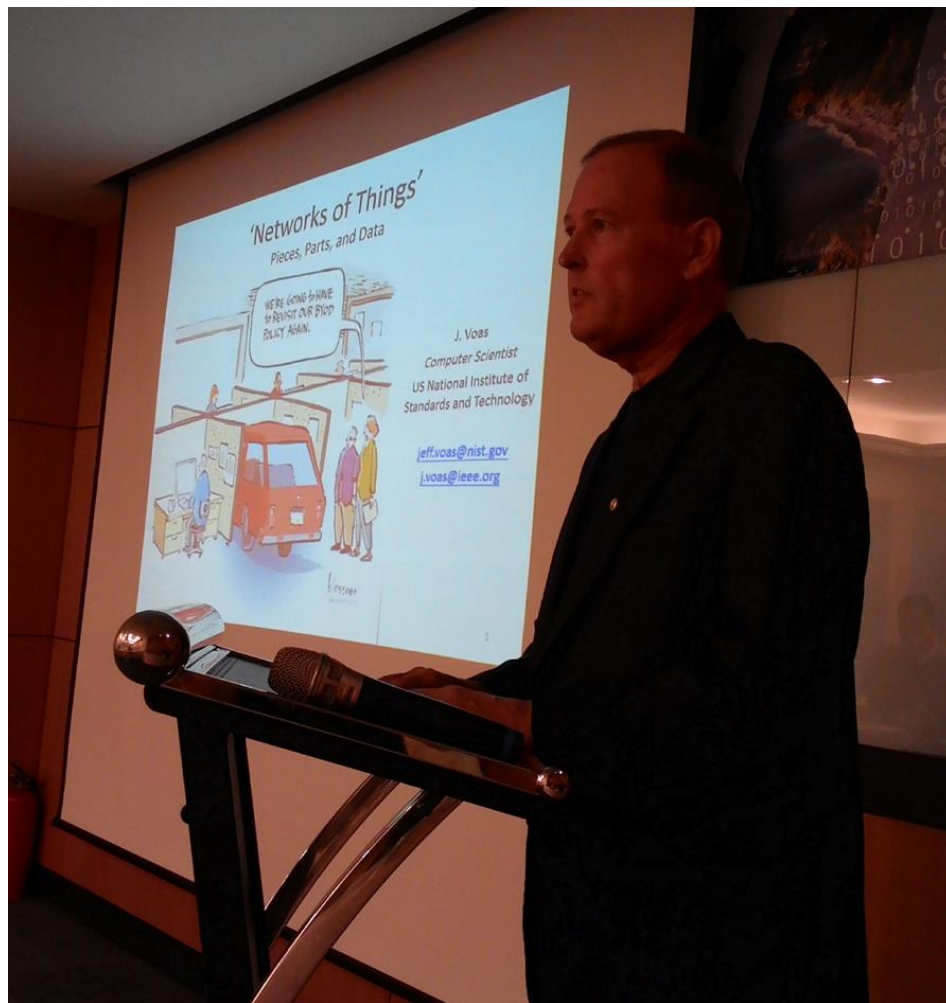


# Great Achievements by our students

- CSIE Students won Number# 1 Champion of 2016 ITSA Contest
- Sport Timing System used in East Coast Marathon was development by CSIE Ph.D./Master/Undergraduate students team.  
True example of from Prototype into Product!



# Enthusiastic Learning



Lecture Seminar





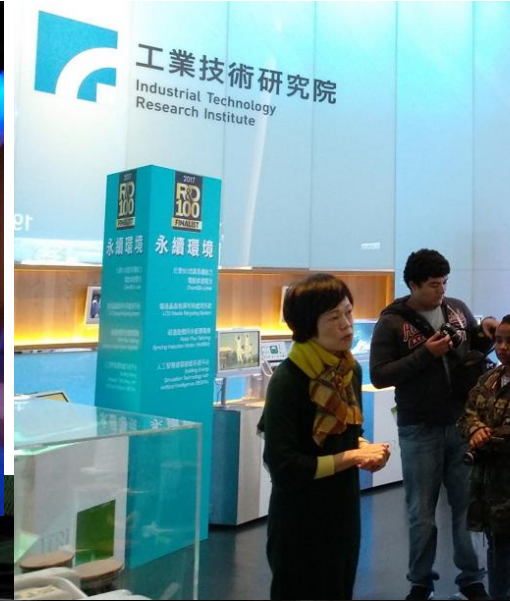
# Advanced research equipments

Computer Classrooms, Movie Studio, Maker Space



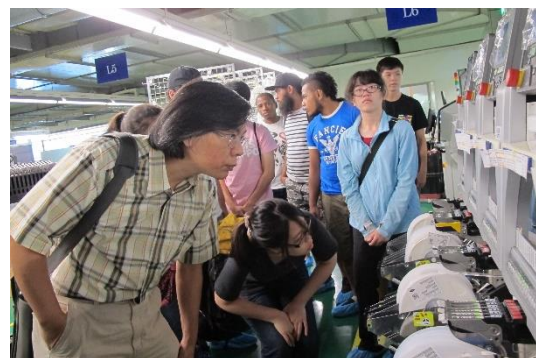


# NDHU CSIE , Industrial Visit





# NDHU CSIE , Industrial Visit





# NDHU CSIE , Like A Family

- ✓ School Level—Offices of International Affair, Academic Affairs, Student Affairs
- ✓ Department—CSIE Family mentor teachers, family companions
- ✓ Staff—Bilingual Staff in department office
- ✓ Class—Classmates interaction
- ✓ Supporting Groups—Student Associations, Sport Teams, Religion gatherings...





# NDHU CSIE , Like A Family





# NDHU CSIE , Like A Family





# NDHU CSIE , Like A Family





# Various CSIE Activities

## 第三十屆組合數學與計算理論研討會

The 30th Workshop on Combinatorial Mathematics and Computation Theory

## 資訊安全講座

Orange 蔡政達 走在資安的道路上

NDHU CSIE DAY

# 資工日

03.17-03.18

報名延長至03.14

國立東華大學資訊工程學系系學會



# Be Part of the Top Team ~Join Dept of CSIE, NDHU~

*Department of Computer Science & Information Engineering  
National Dong Hwa University, Taiwan, R.O.C.*

國立東華大學資訊工程學系

[NDHU\\_CEIE\\_WEBSITE](#)

