Distinguished Faculty

College of Information and Electrical Engineering, Asia University

Name: Jeffrey J.P. Tsai

Title: Chair Professor, President

Education: Ph.D. in Electrical Engineering & Computer Science, Northwestern University, U.S.A

Research Areas: Distributed Real-time Systems, Software Engineering, Artificial Intelligence, Management Systems, Precision Medicine, Bioinformatics

Professional Experience:

President, Asia University

Chair Professor, Department of Bioinformatics and Medical Engineering, Asia University

Professor, Dept. of Electrical Engineering & Computer Science, University of Illinois at Chicago, U.S.A.

Name: Stephen J .H .Yang

Title: Chair Professor, Vice President

Education: Ph.D. in Electrical Engineering & Computer Science, University of Illinois at Chicago

Research Areas: Big Data Analytics, Cloud Computing, Mobile Computing, E-Learning

Professional Experience:

Chair Professor and Vice President, Asia University

Director, Information and Technology Education, Ministry of Education, Taiwan

Distinguished Professor, Department of Computer Science & Information Engineering, National Central University, Taiwan

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Name: Ta-Cheng Chen

Title: Chair Professor and Vice President

Education: Ph.D. in Industrial Engineering, University of Iowa, U.S.A.

Research Areas: Decision Analysis, Artificial intelligence, Optimization Application

Professional Experience:

Chair Professor and Vice-President, Department of Information Science and Applications, Asia University

Professor, Department of Information Management, National Formosa University, Taiwan

Dean of Student Affairs, National Formosa University, Taiwan

Chairman, Department of Information Management, National Formosa University, Taiwan

Associate Professor, Department of Information Management, National Formosa University, Taiwan

Associate Professor, Department of Information Management, Chang Jung Christian University, Taiwan

Assistant Professor, Department of Information Management, Chang Jung Christian University, Taiwan

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Name: Yao-Nan Lien

Title: Distinguished Professor and College Dean

Education: Ph.D. in Electrical Engineering, Purdue University, U.S.A.

Research Areas: Mobile Computing, Database Systems, Network and Communication System, Telecommunication Policies, Distributed Computing, Software Engineering, 3D Digital Archive

Professional Experience:

Professor, Dept. of Computer Science, National Chengchi University, Taiwan

Dean, College of Science, National Chengchi University, Taiwan

Chairman, Department of Computer Science, National Chengchi University, Taiwan

Assistant Professor, Dept. of Computer and Information Science, The Ohio State University, U.S.A.

MTS, Bell Laboratories, U.S.A.

Deputy Director, Computer and Communications Research Laboratories, Industrial Technology Research Institute, Taiwan

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Name: Wen-Thong Chang

Title: Distinguished Professor and Chairman

Education: Ph.D. in Electrical and Computer Engineering, Carnegie-Mellon University, U.S.A.

Research Areas: Video/Audio Streaming, Video Compressing, Multimedia Communication, Networking and Communication, Mobile and Cellular communication, Signal and Image processing, Cloud Computing and Storage

Professional Experience:

Research Scientist, Eastman Kodak Company, U.S.A.

Professor, Department of Communications Engineering, National Chiao-Tung University, Taiwan

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Name: Rouh-Mei Hu

Title: Professor and Chairman, Department of Bioinformatics and Biomedical Engineering

Education: : Ph.D. in Institute of Genetics and Microbiology, Université de Paris XI, France

Research Areas: Molecular Microbiology, Molecular Biology, Genetics, Bioinformatics

Professional Experience:

Professor, Department of Biotechnology, Asia University

Associate Professor and Chairman, Department of Biomedical Informatics, Asia University

Associate Professor, Department of Biotechnology, Asia University

Chairman, Department of Biotechnology and Bioinformatics, Asia University

Assistant Professor, Department of Biotechnology, Asia University

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Name: Anthony Y. H. Liao

Title: Associate Professor and Chairman, Dept. of E-Commerce and Multimedia Applications

Education: Ph.D. in Computer Science and Engineering, University of Louisville, U.S.A.

Research Areas: E-Learning, Artificial Intelligence and Expert Systems, Data Mining, Cloud Computing, Information Management, Management Information Systems, E-Commerce, E-Business, Technology Management, Knowledge Management, Quality Management, and Software Quality Management, etc.

Professional Experience:

Director, Leadership Development Center, Taichung Healthcare and Management University, Taiwan

Assistant Professor, Dept. of Information Management, Taichung Healthcare and Management University, Taiwan

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Name: Chen, Shih-Nung

Title: Associate Professor and Chairman, Department of Information Communication

Education: Ph.D. in Computer Science and Information Engineering, Tamkang University, Taiwan

Research Areas: Computer Simulation, Distributed System, Bioinformatics, Image Processing

Professional Experience: Direct, Office of Information and Communication Technology, Asia University.

Project Manager, Anchor Information Co., Ltd.

Name: Wen-Chung Shih

Title: Associate Professor and Chairman, Department of Computer Science

Education: Ph.D. in Computer Science, National Chiao Tung University, Taiwan

Research Areas: Learning Technologies, Knowledge Engineering, Data Mining, Cloud Computing

Professional Experience:

Associate Professor Dept. of Applied Informatics and Multimedia, Asia University

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Name: Arbee L.P. Chen

Title : Chair Professor

Education: Ph.D. in Computer Engineering, University of Southern California, U.S.A.

Research Areas: Big Data Analytics, Preference Query, Mobile Information System

Professional Experience:

Vice President, Asia University

Chair Professor, National Chengchi University, Taiwan

Dean, College of Science, National Chengchi University, Taiwan

Professor, National Tsing Hua University, Taiwan

Member of Technical Staff, Bell Communications Research, U.S.A.

Research Scientist, Unisys Inc., U.S.A.

Name: Shian- Shyong Tseng

Title: Chair Professor

Education: Ph.D. in Computer Engineering, National Chiao Tung University, Taiwan

Research Areas: Expert System, Data Mining, Parallel Processing

Professional Experience:

Chair Professor and Vice-President, Department of Information Science and Applications, Asia University

Founder and Chairman, Taiwan Network Information Center

Professor and Dean, Department of Information Science and Applications, Asia University

Director, Office of Information and Communication Technology, Asia University

Professor, Department of Computer Science, National Chiao Tung University, Taiwan

Director, E-Learning and E-Application Research Center, National Chiao Tung University, Taiwan

Director, Computer Center, Ministry of Education, Taiwan

Chairman, Science and Technology Consultant, Ministry of Education, Taiwan

Co-Chair, Chinese Domain Name Consortium

Executive Director, ROC Computer Society

Editor, Journal of Digital Learning Technology

Chairman, Special Interesting Groups Workshop on Issues of Testing and Assessment

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Name: Chin-Sung Hsiao

Title: Professor

Education: Ph.D. in Electrical Engineering, National Tsing Hua University, Taiwan

Research Areas: Integrated Optics Component, Design & Numerical Simulation, Electromagnetic Optical, Optical Fiber Communications, Digital Image & Signal Processing

Professional Experience:

Engineer, *TRW,* U.S.A.

Adjunct Professor, National Chung Hsing University

Name: Min-Shiang Hwang
Title: Chair Professor
Education: Ph.D. in Computer and Information Science, National Chiao Tung University, Taiwan
Research Areas: Library and information security, IT network management, Information security, Mobile communication, E-commerce
Professional Experience:
Dean, College of Computer Science, Asia University
Professor, National Chung Hsing University, Taiwan
Name: Zon-Yin Shae
Title: Chair Professor
Education: Ph.D. in Electronic Engineering, University of Pennsylvania, U.S.A.
Research Areas: Cloud computing, Parallel and distributed computing, HPC, Peer-to-Peer systems, Multimedia data analysis and streaming, Neural network, FinTech, Blockchain
Professional Experience:
Distinguished Professor, Asia University
Director, Institute for Information Industry, Taiwan
Visiting Professor, National Chiao Tung University, Taiwan
Research Staff Member, IBM Watson Research Center, U.S.A.
Name: Phillip C-Y. Sheu
Title: Chair Professor
Education: Ph.D. in Computer Science, University of California at Berkeley, U.S.A.
Research Areas: Semantic Computing, Internet Operating Systems, Computational Biomedicine
Professional Experience:
Professor, Department of Biomedical Eng., U.C. Irvine, U.S.A.
Professor, Department of Electrical Engineering & Computer Science, U.C. Irvine, U.S.A.
Name: Ka-Lok Ng
Title: Distinguished Professor
Education: Ph.D. in Physics, Vanderbilt University, U.S.A.
Research Areas: Network Biology, Cancer Epigenetics, Drug Repositioning
Professional Experience:
Professor, Department of Bioinformatics and Medical Engineering, Asia University.
Professor, Department of Bioinformatics and Medical Engineering, Asia University
Associate Professor, Department of Bioinformatics, Asia University.
Assistant Professor, Department of Information Management, Ling Tung University, Taiwan
IT Engineer, National Health Research Institute, Taiwan
Name: Chung-Lin Huang
Title: Distinguished Professor
Education: Ph.D. in Electronic Engineering, University of Florida, U.S.A.
Research Areas: Computer vision, Human machine interface, Multimedia communication, Image processing, Video computing
Professional Experience:
Project Engineer, Unisys Co., USA.

Professor, Department of Electrical Engineering, National Tsing Hua University, Taiwan

Visiting Professor, University of Southern California, USA.

Name: Der-Baau Perng

Title: Distinguished Professor

Education: Ph.D. in Computer Engineering, National Chiao Tung University, Taiwan

Research Areas: Vision Inspection, E-Commerce, CAD, CIM, E-Enterprise

Professional Experience:

Dean, International College, Asia University

Director, Center for Creative Leadership, Asia University

Dean, Academic Affairs, Asia University

Professor, Department of Multimedia & Game Science, Yu Da University

Dean, College of Management, Yu Da University

Director, Manufacturing Management Center, National Chiao Tung University

Chairman, Department of Industrial Engineering and Management, National Chiao Tung University

Director, Semiconductor Manufacturing Management Center, National Chiao Tung University

Director, Production System Automation Research Center, National Chiao Tung University

Chairman, Department of Industrial Engineering and Management, National Chiao Tung University

Professor, Department of Industrial Engineering and Management, National Chiao Tung University

Technique Committee Member, Industrial Development Bureau, Ministry of Economic Affairs, Taiwan

Member of Engineering Accreditation Commission, Institute of Engineering Education Taiwan

Councilor, Chinese Institute of Industrial Engineers (CIIE)

Name: Gene Sheu

Title: Professor

Education: Ph.D. in Experimental Solid State Physics, University of Iowa, U.S.A.

Research Areas: Electronic circuit, Microelectronics, Product development, Integrated Circuit

Professional Experience:

Professor, Asia University

CEO, Chenming Corp., Taiwan

EVP and General Manager, First International Computer, Taiwan

CEO, Wearnes Peripherals Inc., Singapore

AVP and GM' Supply Line Management, AT&T (Far Est)

Managing Director, NCR Microelectronics, Far East

Engineering Manager, TELMOS, Santa Clara, U.S.A.

Director, Advanced LSI technology, U.S.A.

Process Manager, Fairchild Semiconductor Corp., U.S.A.

Associate professor, Dept. of Material Science, Tsing-Hwa University, Taiwan

Senior researcher and Manager, ITRI, Taiwan

Name: Yeong-Chin Chen

Title: Professor

Education: Ph.D. in Electronic Engineering, National Cheng Kung University, Taiwan

Research Areas: System design, Integrated Circuit, Electronic measurement

Professional Experience: Professor, Asia University

Name: Neng-Yih Shih **Title:** Professor **Education:** Ph.D. in Aeronautics and Astronautics, National Cheng Kung University, Taiwan **Research Areas:** Signal processing, Communication systems, Control theory **Professional Experience:** Professor, Asia University Dean of Student Affairs, Chung Chou University of Science and Technology, Taiwan
Name: Wang, Ling-Ling **Title:** Professor **Education:** Ph.D. in Computer Science and Information Engineering, National Chiao Tung University, Taiwan **Research Areas:** Computer Vision, Image Processing, Pattern Recognition, Artificial Intelligence **Professional Experience:** Associate Professor, National Tsing Hua University, Taiwan
Name: Lu, Ching-Ta **Title:** Professor **Education:** Ph.D. in Electrical Engineering, National Tsing Hua University, Taiwan **Research Areas:** Speech Enhancement, Noise Reduction, Speech Coding, Speech Signal Processing, Digital Signal Processing, Bio-image Denoising, Image Signal Processing, Applications of Deep Learning **Professional Experience:** Chairman, Department of Electronic Engineering, Chin-Min Institute of Technology, Taiwan Professor, Department of Information Communication, Asia University