



Prof. Wei-Ta Chu (朱威達)

● **Contact Information**

Affiliation: Department of Computer Science & Information Engineering

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● **Education**

- (1) BS, 2000, Computer Science and Information Engineering, National Chi Nan University, Nantou, Taiwan, R.O.C.
- (2) MS, 2002, Computer Science and Information Engineering, National Chi Nan University, Nantou, Taiwan, R.O.C. Master Thesis: Exploring Computed Synchronization and its Applications for Navigated Hypermedia Documents. Advisor: Prof. Heng-Yow Chen
- (3) PhD 2006, Computer Science and Information Engineering, National Taiwan University, Taipei, Taiwan, R.O.C
Ph.D. Dissertation: Semantics-based Content Analysis and Organization in Movies and Sports Videos. Advisor: Prof. Ja-Ling Wu

● **Professional Experience**

- 2019/8 ~ Professor, Dept. of Computer Science and Information Engineering, National Cheng Kung University.
- 2017/8 ~2019/7 Professor, Dept. of Computer Science and Information Engineering, National Chung Cheng University.
- 2017/8 ~ 中正大學教務處教學發展中心主任, 中正大學教務處副教務長
- 2012/8 ~ 2017/7 Associate Professor, Dept. of Computer Science and Information Engineering, National Chung Cheng University.

- 2013/8 ~ 中正大學 研究發展處建教合作組組長
- 2007/8 ~ 2012/7 Assistant Professor, Dept. of Computer Science and Information Engineering, National Chung Cheng University.
- 2008/7 ~ 2008/8 Visiting Scholar, Digital Video and Multimedia Laboratory, Columbia University.
- 2006/7 ~ 2007/7 Postdoctoral Research Fellow, National Taiwan University.

● Honors and Awards

- Program Co-Chair, International Conference on Multimedia Modeling, 2025.
- 1 Program Co-Chair, International Conference on Technologies and Applications of Artificial Intelligence, 2024.
- 1 General Co-Chair, ACM International Conference on Multimedia Asia, 2023.
- 1 Program Co-Chair, International Conference on Machine Vision Applications, 2023.
- Outstanding Reviewer, ACM International Conference on Multimedia Retrieval, 2022
- 1 Program Co-Chair, IEEE International Conference on Multimedia & Expo, 2022.
- 1 Program Co-Chair, ACM International Conference on Multimedia Retrieval, 2021.
- 1 Area Chair, ACM International Conference on Multimedia, 2021.
- 1 Area Chair, IEEE International Conference on Multimedia & Expo, 2021.
- 1 Workshop Organizer, International Computer Symposium, 2020.
- 1 Registration Chair, International Computer Symposium, 2020.
- 1 Area Chair, ACM International Conference on Multimedia, 2020.
- Technical Committee, Multimedia Systems & Applications, IEEE Circuits and Systems Society, 2020
- 1 Program Co-Chair, IPPR Conference on Computer Vision, Graphics, And Image Processing, 2020.
- 1 Area Chair, IEEE International Conference on Multimedia & Expo, 2020.
- 1 Organizer, International Joint Workshop on Multimedia Artworks Analysis and Attractiveness
- Computing in Multimedia, 2020. (in conjunction with ICMR 2020)
- 1 Program Co-Chair, International Conference on Multimedia Modelling, 2020.
- 1 Area Chair, ACM International Conference on Multimedia, 2019.
- 1 Program Co-Chair, IEEE International Workshop on Multimedia Signal Processing, 2019.

- 1 Organizer, International Joint Workshop on Multimedia Artworks Analysis and Attractiveness
- Computing in Multimedia, 2019. (in conjunction with ICME 2019)
- 1 Organizer, International Workshop on AI Aesthetics in Art and Media, 2018. (in conjunction with
- ACCV 2018)
- 1 Publicity Co-Chair, Pacific-Rim Conference on Multimedia, 2018.
- 1 Publication Co-Chair, IEEE International Conference on Visual Communications and Image
- Processing, 2018.
- 1 Special Session Organizer, IEEE International Conference on Visual Communications and Image
- Processing, 2018. (Thermal Infra-Red Image Processing)
- 1 Organizer, International Joint Workshop on Multimedia Artworks Analysis and Attractiveness
- Computing in Multimedia, 2018. (in conjunction with ICMR 2018)
- 1 Session chair, International Symposium on Multimedia, 2017. (Learning)
- 1 Organizer, International Workshop on Multimedia Artworks Analysis, 2017. (in conjunction with
- ICME 2017)
- 1 Session chair, ACM International Conference on Multimedia Retrieval, 2017. (Multimedia
- Applications)
- 1 Publication Co-Chair, International Computer Symposium, 2016.
- 1 Organizer, International Workshop on Multimedia Artworks Analysis, 2016. (in conjunction with
- ICME 2016)
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- 1 Organizer, International Workshop on Mobile Media Big Data Analytics and Application, 2016. (in
- conjunction with BigMM 2016)
- 1 Special Session Organizer, IPPR Conference on Computer Vision, Graphics, and Image Processing,
- 2016. (Deep Learning for Multimedia)

● **Field of Research**

Microprocessor Principles and Applications

Introduction to Artificial Intelligence

Probability

Statistics
Computer Project
Special Topics on Computer Science
Visual Quality Assessment
Engineering Mathematics
Introduction to Optimization
Introduction to Multimedia System
Fundamentals of Digital Signal Processing
Multimedia Content Analysis
Linear Algebra
Chinese Information Processing
Introduction to Information System and Network

● **Topic of Talk**

Automated Video Analysis of Audio-visual Approaches to Predict and Detect Mild Cognitive Impairment and Dementia in Older Adults