


Tzu-Hsien Lee (李慈賢)		
Department of Industrial Management and Information Southern Taiwan University of Science and Technology No. 1, Nan-Tai Street, Yongkang Dist., Tainan 71005, Taiwan	Office: D202-3 ☎: 886-6-2533131 ext. 4126 ✉: thlee@stust.edu.tw	

Education

- PhD, Department of Industrial Management, National Taiwan University of Science and Technology, 2002/06
- Master, Department of Industrial Engineering, National Tsing-Hwa University, 1990/06

Area of Specialty

- Human Factors
- Ergonomics

Academic Experience

- Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2006/01 to present
- Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2003/01 to 2005/12
- Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/07 to 2002/12
- Lecturer, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1990/08 to 2002/06

Publications

Journal Papers:

1. Lee, Tzu-Hsien (2016) "Endurance time, muscular activity, and the vibration of box for different exertion forces of holding, International Journal of Occupational Safety and Ergonomics," 22, 71-76 [SSCI]
2. Lee, T.H. and Yeh, Y.C., 2015, "Effects of carrying handles, postures, materials, and distances on carrying capability, International Journal of Occupational Safety and Ergonomics," 21, 250-255 [SSCI]
3. Lee, Tzu-Hsien (2015) "The effects of load magnitude and lifting speed on the kinematic data of load and human posture, International Journal of Occupational Safety and Ergonomics," 21, 55-61 [SSCI]
4. Lee, Tzu-Hsien (2014) "Subjective perception of load heaviness, International Journal of Occupational Safety and Ergonomics," 20, 421-427 [SSCI].
5. Lee, T.H. and Tseng C.Y., 2014, Grip force and heart rate responses to manual

- carrying tasks: Effects of material, weight, and base area of the container, International Journal of Occupational Safety and Ergonomics, 20, 377-383 [SSCI].
6. Lee, Tzu-Hsien and Liu, T.Y. (2013) "Human posture and muscular response while viewing different heights of screen," International Journal of Occupational Safety and Ergonomics, 19, 251-258 [SSCI]
 7. Lee, Tzu-Hsien and Cheng, T.S. (2012) "The effects of hand, breathing type, arm posture and body posture on hand errors during fine manual manipulation tasks," International Journal of Occupational Safety and Ergonomics, 18, 393-398 [SSCI]

Dissertation:

- Lee, Tzu-Hsien (2002) "*Human responses while handling unstable loads*," Ph.D. Dissertation, National Taiwan University of Science and Technology

Grants

1. Ministry of Science and Technology, No: MOST- 103-2221-E-218 -026 - , "The effects of box handle, center of gravity and weight on manual lifting task," 2014/8 - 2015/7.
2. National Science Council, No: NSC- 102-2221-E-218 -026 - , "The effects of box handle height on lifting task," 2013/8 - 2014/7.
3. National Science Council, No: NSC- 101-2221-E-218 -003 - , "Human holding capability and its characteristics," 2012/8 - 2013/7.

Honors and Awards

1. Special excellent talent award, 2012, Ministry of Science and Technology.

Academic and Professional Service

1. Editorial Advisory Board, The open ergonomics Journal
2. Editorial Advisory Board, International Journal of Occupational Safety and Ergonomics