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### Education:

<i>Ph.D.</i>	2021	Dept. of Electrical Eng., NTUT, Taipei, Taiwan
<i>MS</i>	1995	Dept. of Electrical & Electronic Eng., Newcastle University, England, UK
<i>BS</i>	1988	Dept. of Electrical Eng., NTUST, Taipei, Taiwan

### Selected Journal Papers

1. **Wen-Shyue Chen** and Yen-Shin Lai, "Module-Based Laboratory Course for the Industry Sponsored "Research and Design Master Program" in Power Electronics," IEEE Access, Vol. 9, pp. 100962-100971, July 2021.
2. **Wen-Shyue Chen** and Yen-Shin Lai, "Laboratory Course Modular Design for Learning Magnetic Components in Power Conversion Applications at Taipei Tech," International Journal for Innovation Education and Research, Vol. 5, No. 9, pp. 67-81, Sep. 2017.
3. Yen-Shin Lai, Zih-Jie Su, and **Wen-Shyue Chen**, "New Hybrid Control Technique to Improve Light Load Efficiency while Meeting the Hold-up Time Requirement for Two-Stage Server Power," IEEE Trans. on Power Electronics, Vol. 29, No. 9, pp. 4763-4775, Sep. 2014.

### Selected Conference Papers:

1. **Wen-Shyue Chen** and Yen-Shin Lai, "New Module-Based Laboratory Course Design for Power Electronics," 2021 5th IEEE International Future Energy Electronics Conference (IFEEEC), Taipei, Taiwan, Aug. 16, 2021.
2. Jian-Fu Chen, Yen-Shin Lai, **Wen-Shyue Chen**, and Wen-Hui Chen, "Hybrid Predictive Current-Mode Control for Power Factor Corrector with On-line Parameter Tuning," IECON 2016-42nd Annual Conference of the IEEE Industrial Electronics Society, Florence, Italy, Oct. 2016, pp. 3431-3436.
3. **Wen-Shyue Chen** and Yen-Shin Lai, "Design of Laboratory Course for Learning Power Converters at Taipei Tech," 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE), Istanbul, Turkey, June 2014, pp. 2203-2208.

4. Yen-Shin Lai, **Wen-Shyue Chen**, and Fong-Cyuan Lee, "Multi-Source Converter for Energy Harvest in an Internal Combustion Engine Vehicle and Its Power Distribution Control," 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE), Istanbul, Turkey, June 2014, pp. 580-585.
5. Yen-Shin Lai, Zih-Jie Su, and **Wen-Shyue Chen**," New hybrid control technique to improve light load efficiency while meeting the hold-up time requirement for two-stage server power," 2013 IEEE Energy Conversion Congress and Exposition (ECCE), Denver, CO, USA, 2013, pp. 4180-4187.

**Patent:**

Yen-Shin Lai, Po-Shen Chen, **Wen-Shyue Chen**, "Detection apparatus of neutral line for the two-pole socket with three wires," Taiwan, Patent, 209744, Aug., 2003