

Brief Profile of Professor CHUNG, Shu Hung Henry

(Last update: July 26, 2016)



Current Appointment

- Assistant Head and Professor, *Department of Electronic Engineering, CityU* (<http://www.ee.cityu.edu.hk/~shc>)
- Director, *Centre for Smart Energy Conversion and Utilization Research* (<http://www.ee.cityu.edu.hk/~cpe>)
- Founder and Director of
 - *e.Energy Technology Limited* (<http://www.eenergy.com.hk>)
 - *Jacky Instruments Limited*

Area of expertise

- Smart grid technologies
- Renewable energy conversion technologies
- Application of computational intelligence in power electronics
- High-voltage power conversion technologies
- Energy saving and environmentally-friendly solutions
- Lighting technologies

Professional qualifications and services

- IEEE Fellow
- Editor-in-chief, *IEEE Power Electronics Letters*
- Associate Editor
 - *IEEE Transactions on Power Electronics, Regular Papers*
 - *IEEE Journal of Emerging and Selected Topics on Power Electronics*

Research contributions

- Holds 40 patents
- Author of over 366 research articles (including 170 journal papers and 196 conference papers) in power electronics, 1 IET research book, and 8 research book chapters

Awards

- The President's Award, CityU, 2016.
- Best paper, High-Performance and Emerging Technology award, ECCE 2015 Conference, IEEE Power Electronics Society, 2016
- Second Prize, Best Papers for ECCE 2014 Conference, IEEE Industry Application Society, 2015
- The HKIE Outstanding Paper Award for Young Engineers/researchers 2015, Hong Kong Institution of Engineers
- Eastern Scholar Award, 2013
- Two Excellent Product Awards, 14th China Hi-Tech Fair, Shenzhen, China, 2012
- Innovation and Creativity Award, Hong Kong Awards for Industries 2011
- Silver Award, Best Green ICT Award (Adoption – SME), 2011
- First Class Prize in the Natural Science Award 2009, Ministry of Education, PRC
- Machinery and Machine Tools Design Award, Hong Kong Awards for Industries 2009
- Notable Mention, Hong Kong Eco-Products Award 2006
- Best New Product 2005 award, Australia Electrical and Electronic Manufacture's Association
- Consumer Product Design Award, Hong Kong Awards for Industries 2004