

## Brief Profile of Professor CHUNG, Shu Hung Henry



### *Present Appointment*

- Director, *Centre for Power Electronics, CityU*  
(<http://www.ee.cityu.edu.hk/~cpe>)
- Professor, *Department of Electronic Engineering, CityU*
- Visiting Professor, *SUN Yat-Sen University, China*
- Founder and Director, *e.Energy Technology Limited*  
(<http://www.eenergy.com.hk>)

### *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

### *Professional qualifications and services*

- Senior Member of IEEE
- Associate Editor
  - IEEE Transactions on Power Electronics
  - IEEE Transactions on Circuits and Systems
  - Research Letters in Electronics
- Chairman of the Technical Committee on High Performance Emerging Technologies, IEEE Power Electronics Society

### *Research contributions*

- Holding 19 patents
- Author of over 280 research articles (including 130 journal papers and 150 conference papers) in power electronics and 6 research book chapters

### *Industrial Awards*

- 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 (AEEMA)
- Consumer Product Design Award, Hong Kong Awards for Industries 2004

### *Experience in handling projects*

- Investigator of research projects of total sum over HK\$18M
- Consultant for industrial projects of total sum over HK\$7M

### *Consultancy service to the following companies*

- |                                      |                               |
|--------------------------------------|-------------------------------|
| • Cable & Wireless HKT               | • Lik On Security Limited     |
| • ECO-GEA Limited                    | • ProVista Technology Limited |
| • Emerson Network Power              | • Pylon International Limited |
| • The Hong Kong Productivity Council | • ST Microelectronics         |
| • Kaden STAMsteel Joint Venture      | • SUGA Electronics Limited    |
| • Kent Engineering                   | • Universe Dragon Limited     |

URL : [www.ee.cityu.edu.hk/~shc](http://www.ee.cityu.edu.hk/~shc)