

## Pui-In Mak, Elvis *Ph.D., Senior Member of IEEE*

### Associate Director (Research)

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**Research Interests:** *Circuits and Systems for Wireless, Biomedical and Analytical Chemistry Applications*

### Research Contribution

**73** Journal Papers      **111** Conference Papers      **37** International/Local Seminars      **26** Research Grants  
**5** Books/Book Chapters      **22** US Patents (granted/filed)      **3** International Tutorials      **40** PhD/Master Students

- **[Book'15]** Zhicheng Lin, Pui-In Mak and R. P. Martins, *Ultra-Low-Power and Ultra-Low-Cost Short-Range Wireless Receivers in Nanoscale CMOS*, **Series of Analog Circuits and Signal Processing, Springer Press.**
- **[Book'12]** Pui-In Mak and R. P. Martins, *High-/Mixed-Voltage Analog and RF Circuit Techniques for Nanoscale CMOS*, **Series of Analog Circuits and Signal Processing, Springer Press.**
- **[Book'07]** Pui-In Mak, Seng-Pan U and R. P. Martins, *Analog-Baseband Architectures and Circuits for Multistandard and Low-Voltage Wireless Transceivers*, **Series of Analog Circuits and Signal Processing, Springer Press.**

### Contribution and Recognition with IEEE

#### IEEE Circuits and Systems Society (CASS)

- 22 Papers in CASS Journals (TCAS-I/II, TBCAS, TVLSI, CAS Mag.)
- CASS Board-of-Governor
- CASS Distinguished Lecturer
- CASS Chapter-of-the-Year Award
- CASS Outstanding Young Author Award
- TCAS-II Best Associate Editor Award
- Senior Editor, JETCAS
- Associate Editor, TCAS-I (two terms)
- Associate Editor, TCAS-II (two terms)
- Associate Editor, CASS Newsletter
- Paper Awards in MWCAS, APCCAS and ASICON
- Certificate for Outstanding ISCAS Tutorial
- TPC/Co-Organizer of ISCAS and APCCAS
- Tutorial Speaker of ISCAS, APCCAS and VLSI-DAT
- TPC Vice Co-Chair, ASP-DAC

#### IEEE

- Editorial Board Member, IEEE Press
- Guest Editor, RFIC Virtual Journal (CASS, SSCS, MTTTS)
- Associate Editor, IEEE Potentials
- GOLD Achievement Award, IEEE Member and Geographic Activities (MGA) Board

#### IEEE Solid-State Circuits Society (SSCS)

- 8 Papers in SSCS Journals (JSSC)
- 7 ISSCC Papers + 3 ISSCC Student Research Previews
- 1 Paper in 2014 ISSCC Technical Highlights
- TPC Member of A-ISSCC
- 1 ISSCC/DAC Design Contest Award
- 2 SSCS Pre-Doctoral Achievement Awards [as advisor]
- 2 ISSCC Student Travel Grant Awards [as advisor]

#### IEEE Microwave Theory and Techniques Society (MTTS)

- 9 Papers in MTTS Journals (TMTT, MWCL, Microwave Mag.)

### International and National Awards

- Excellence in INNOVATION, Business Awards of Macau (2014)
- Macau Science and Technology Invention Award, Macau Government (2012, 2014)
- Best Paper Award, Asia Symposium on Quality Electronic Design (2013)
- **National Scientific and Technological Progress Award, China Government (2011) [1<sup>st</sup> time in Macau]**
- Academic Staff Award, University of Macau (2011)
- Research Excellence Award (Emerging Scholar), University of Macau (2010)
- Visiting Fellowship, University of Cambridge, UK (2009)
- Honorary Title of Value Decoration, Macau Government (2005)