Kamil Wójcicki

CONTACT INFORMATION

Signal Processing Laboratory
Griffith School of Engineering
Griffith University, Nathan, Queensland, Australia

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RESEARCH INTERESTS

Speech processing, speech enhancement, speech and speaker recognition, speech perception, machine learning and pattern recognition.

EDUCATION

Griffith University, Nathan, Queensland, Australia

Doctor of Philosophy **February 2005 – present**

- Expected graduation date: February 2010
- Advisors: Professor Kuldip Paliwal and Dr Stephen So

BInfTech, BEng (Hons) **February 2000 – April 2005**

HONOURS AND AWARDS

Best Paper Award, Griffith School of Engineering Research Conference, Nathan, 2007

Australian Research Council (ARC) Postgraduate Research Scholarship, Nathan, 2005-2010

Scholarship for Outstanding Academic Achievement, Griffith University, Nathan, 2000

National Mathematics Summer School, The Australian National University, Canberra, 2000, 1999

Certificate of Excellence for Outstanding Academic Achievement, University of Tasmania, 1999

Award for Best Design, Electronics Competition, The Electronics Educators Association, 1998

SELECTED PUBLICATIONS

Paliwal, K.K., Shannon, B.J., Lyons, J.G. and K.K. Wójcicki, "Speech-signal-based frequency warping", *IEEE Signal Process. Lett.*, Vol. 16, No. 4, pp. 319-322, 2009.

Paliwal, K.K. and K.K. Wójcicki, "Effect of analysis window duration on speech intelligibility", *IEEE Signal Process. Lett.*, Vol. 15, pp. 785-788, 2008.

Stark, A.P., Wójcicki, K.K., Lyons, J.G. and K.K. Paliwal, "Noise driven short time phase spectrum compensation procedure for speech enhancement", In *Proc. INTERSPEECH*, pp. 549-552, 2008.

Wójcicki, K.K., Milacic, M., Stark, A.P., Lyons, J.G. and K.K. Paliwal, "Exploiting conjugate symmetry of the short-time Fourier spectrum for speech enhancement", *IEEE Signal Process. Lett.*, Vol. 15, pp. 461-464, 2008.

Wójcicki, K.K. and K.K. Paliwal, "Importance of the dynamic range of an analysis window function for phase-only and magnitude-only reconstruction of speech", In *Proc. ICASSP*, pp. 729-733, 2007.

PROFESSIONAL EXPERIENCE

Griffith University, Nathan, Queensland, Australia

Teaching Assistant **February 2005 – present**

Teaching assistant for undergraduate courses in electrical engineering, including signals and systems, digital signal processing, statistical signal processing and Unix systems. Examination invigilator for undergraduate as well as graduate courses.

Hewlett Packard, Milton, Queensland, Australia

Server Specialist **March 2008 – present**

Enterprise data center deployments, relocation and servicing for clients such as Cement Australia, Gold Coast City Council, Queensland Health, Queensland Investment Corporation (QIC), Queensland Ombudsman's Office and Bain Gasteen Lawyers.

Field Services Engineer **June 2004 – present**

Workstation deployments for clients such as AMCOR, Blake Dawson Waldron, Bank of Queensland, Pindara Private Hospital and others.

Fujitsu Australia, Newstead, Queensland, Australia

Field Services Engineer **April 2002 – December 2003**

Point-of-sale deployments for various clients, including Queensland Transport, Coles, Woolworths and Commonwealth Bank business centers.

PROGRAMMING

C, C++, Matlab, Linux shell scripting, Perl, Python, LaTeX 2$_\varepsilon$, PBS, SQL, Java, .NET, SPSS.

Referees

Professor Kuldip Paliwal
Professor
Griffith University
Nathan, Queensland, Australia
phone: *available on request*
e-mail: *available on request*

Dr Stephen So
Associate Lecturer
Griffith University
Gold Coast, Queensland, Australia
phone: *available on request*
e-mail: *available on request*

Dr Conrad Sanderson
Researcher
National ICT Australia
St Lucia, Queensland, Australia
phone: *available on request*
e-mail: *available on request*

Mr Sean Loye
Systems Engineer
Hewlett Packard
Milton, Queensland, Australia
phone: *available on request*
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