

Sasha Rubin

CONTACT INFORMATION	Signal Processing Laboratory Griffith School of Engineering Griffith University, Nathan, Queensland, Australia kamil.wojcicki@ieee.org	office: +61 7 3735 3754 mobile: +61 4 1215 1771 e-mail:
RESEARCH INTERESTS	Speech processing, speech enhancement, speech and speaker recognition, speech perception, machine learning and pattern recognition.	
EDUCATION	Griffith University , Nathan, Queensland, Australia <i>Doctor of Philosophy</i> February 2005 – present <ul style="list-style-type: none">• Expected graduation date: February 2010• Advisors: Professor Kuldeep Paliwal and Dr Stephen So <i>BInfTech, BEng (Hons)</i> 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”, <i>IEEE Signal Process. Lett.</i> , Vol. 16, No. 4, pp. 319-322, 2009. Paliwal, K.K. and K.K. Wójcicki, “Effect of analysis window duration on speech intelligibility”, <i>IEEE Signal Process. Lett.</i> , 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 <i>Proc. INTERSPEECH</i> , 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”, <i>IEEE Signal Process. Lett.</i> , 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 <i>Proc. ICASSP</i> , 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, L^AT_EX 2_ε, 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*

e-mail: *available on request*