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APPENDIX – ACRONYMS AND ABBREVIATIONS

arXiv – Archive Research Preprint Server (Cornell University)

bioRxiv – Bioscience Archive Research Preprint Server (Cold Spring Harbor Laboratory)

CEO – Chief Executive Officer

CITI – Collaborative Institutional Training Initiative (University of Miami)

CSIC - Consejo Superior de Investigaciones Científicas

CWTS – Centre for Science and Technology Studies (Leiden University)

IELTS – International English Language Testing System

IP – Intellectual Property

IT – Information Technology

NIH – National Institutes of Health (USA)

NSF – National Science Foundation (USA)

PhD – Doctor of Philosophy

R&D – Research and development

QS – Quacquarelli Symonds

THE – Times Higher Education

TOEFL – Test of English as a Foreign Language
ABOUT THE AUTHOR

Dario Toncich was born in Melbourne Australia in 1960 and graduated, with honors in Electrical Engineering, from the University of Melbourne in 1983. His industry based research led to a Master of Engineering (by Research) from SIT and a PhD from SUT. Since that time, he has held industrial, academic and research leadership positions, and has been involved in numerous research and development programs. In 1988, Dr. Toncich was appointed as the foundation research manager for the (then) recently established Key Centre for Computer Integrated Manufacture (CIM). In 1996, when the Centre was expanded into an industrial research institute (IRIS), he went on to become the research leader in automation and control; subsequently headed the Institute’s postgraduate research and coursework programs, and contributed towards its strategic planning activities.

Dr. Toncich has authored and coauthored a number of research papers in his field. He has also contributed towards several federal reviews of national research policy and expenditure. His views on industry research and development have been cited in government reviews and editorialized in Business Review Weekly. Dr. Toncich has supervised more than 20 Doctoral and Master’s (by research) candidates to successful completion, and has authored five text books.

Dario Toncich’s field of research and Doctoral supervision has been in the areas of automation and control, with emphasis on feedback signals and signature analysis for both industrial and biomedical devices. Dr. Toncich’s views and papers on higher education and research practice have been cited by governments and universities and appeared regularly in Campus Review. In 2007 he was appointed as the Project Manager for the University-wide research degrees admissions project at Monash University and in 2010 he worked as the Research Performance Analyst for the Office of the Senior Deputy Vice Chancellor and Deputy Vice Chancellor Research at Monash University, in the Research Strategy Unit.

Dario Toncich regularly provides problem-solving advice to postgraduate research supervisors and students who are experiencing difficulties, and also acts as an advisor on university research performance assessment and benchmarking with consulting firms.