



Professor SERGE ZHUIYKOV

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QUALIFICATIONS

- 1991 **PhD Materials Science and Engineering;** Ukrainian State Technical University, USSR
1986 **MSc Mechanical Engineering;** Ukrainian State Technical University, USSR

PROFESSIONAL EXPERIENCE

- 2015 – present **Professor, Ghent University Global Campus,**
➤ Director Centre for Environmental and Energy Research
- 2004 – 2015 **CSIRO Materials Science and Engineering Division, Melbourne**
➤ Principal Research Scientist, Stream Leader 2011 - 2015
➤ Project Leader , SSN TCP 2009 – 2015
➤ Senior Research Scientist 2004 – 2009
- 2004 – 2006 **Senior Lecturer (part time)**
Industrial Science Department, Swinburne University of Technology,
Melbourne, VIC. 3122, Australia
- 2002 – 2004 **Manager**
SSL, Australian Government Analytical Laboratories,
177 Salmon Str., Port Melbourne, VIC. 3207, Australia
- 2000 – 2001 **Research Associate**
Kyushu University, Fukuoka, 816-8580, JAPAN
- 1999 – 2000 **Research Associate**
RMIT University, GPO Box 2476V, Melbourne, VIC. 3001, Australia
- 1994 – 1998 **Research Scientist**
Ceramic Oxide Fabricators Pty. Ltd.; 83 Wood Street, Eaglehawk, VIC. 3556, Australia
- 1991 - 1994 **Lecturer**
Ukrainian State Technical University, 37 Pobeda Ave., Kiev, Ukraine

PROFESSIONAL AFFILIATIONS

- 2009 – present Member of the American Nano Society (ANS);
2009 – present Member of the American Chemical Society (ACS);
2006 – present Member of the Electrochemical Society (ECS);
2002 – present Member of the Fire Protection Association of Australia (FPAA);
1995 – present Member of the Australasian Ceramic Society (ACS);
1994 – present Member of the American Ceramic Society (ACerS);

AWARDS

- 2013 Australian Academy of Science / Japan Society Promotion of Science - Invited Professorship.
- 2011 Australian Academy of Science.
- 2010 Australian Government: Endeavour Executive Award.
- 2004, 2005, 2009 and 2010 Invited Visiting Professor. Kyushu University, Japan.
- 2007 Australian Academy of Science / Japan Society Promotion of Science - Invited Professorship.
- 2003 Invited Visiting Scientist. Kyushu University, Japan.
- 2003 Winner of the National 2003 Competition for the best scientific paper in Australia.
- 1998 Australasian Ceramic Society / Ceramic Society of Japan Joint Ceramic Award for young distinguished scientist.

PROFESSIONAL ACTIVITIES

Editorial	Member of the Editorial Board of the IOP Corrosion Journal, 2009 – present. Official Reviewer: IEEE Sensors, Sensors & Actuators B: Chemical, Journal of Materials Science, Electrochimica Acta, Chemical Communications, Langmuir, Electrochemistry Communications, Sensors Letters, Materials Letters, 2007 – present.
Committees	Chairman of FP-011-02 Technical Committee of Standards Australia International (SAI), 2005 – 2015. Official Representative of Australia in the International Standards Organization (ISO) TC-21/SC-8 Technical Committee, 2003 – 2015. Head of the Australian delegation in the ISO TC-21/SC-8 Technical Committee, 2005 – 2015.
Conferences: Last 5 years 2010-2015	Invited Speaker, <ol style="list-style-type: none"> 1. 4th Int. Conference on Sustainable Materials and Technologies, SINGAPORE, 14-16 January 2014. 2. 15th Int. Meeting on Chemical Sensors, Buenos Aires, ARGENTINA, 16-19 March, 2014. 3. 15th Int. Conference on Smart Systems Integration, Amsterdam, The Netherlands (2013) 4. ISO TC 21/SC8 Annual Meeting, London, UK (2013), supported by SAI 5. 34th int. conference ICNMS-13, Copenhagen, Denmark (2013) 6. MRT-2013 Int. Conference on Materials research Society, San Francisco, USA (2013). 7. 14th Int. Conference on Advanced Functional Materials, Perth, Australia (2013). 8. ISO TC 21/SC8 Annual Meeting, Milan, Italy (2012), supported by SAI. 9. 9th ISE Conference on Chemical Sensors, Turku, Finland (2011). 10. Conference Session Chair, 9th ISE Conference on Chemical Sensors, Turku, Finland (2011). 11. ISO TC 21/SC8 Annual Meeting, Chicago, USA (2011), supported by SAI. 12. SPIE Int. Conference on Oxide-based Materials and Devices, San Francisco, USA (2010). 13. Conference Session Chair, 13th Int. Conference on Chemical Sensors IMCS, Perth, Australia (2010). 14. ISO TC 21/SC8 Annual Meeting, Paris, France (2010), supported by SAI
Publications	2 invited international monographs 6 book chapters 108 refereed papers in international scientific journals 68 refereed papers in international conference proceedings 15 international patents
Leadership and Management Development Program	CSIRO New People Leaders Program , 2013 Gustav Kaser Techniques for Increasing External Earnings training, 2012. CSIRO, CMSE Project Leadership training, 2011. Project Leadership Initiative training, 2010.