

ACADEMIC PUBLICATIONS

Books Edited

Editors: Fuks, S., Tuccio, S. Albinger, D., Kehoul, G., Cunningham, J., Robson, J., Hankwitz, M, and **Pell, S.J.**, (2015) *Water Views: Caring and Daring - 3WDS14 - Waterwheel World Water Day Symposium 2014 e-Book. Waves, Ripples and Splashes*, Igneous Incorporated, Australia ISBN: 978-0-9925610-0-0

Books Chapters

Pell, S.J. (2016) *Bodies in Extremis*, in *Star Arc* Edited by Rachel Armstrong, Springer Praxis (Nov) 367-381

Pell, S.J. (2013) 藝術家可以帶領我們到太空嗎? Can artists prepare us for Space? *TERRA Ø*, Microwave New Media. Editor M. Ho. Hong Kong City University, p 35 – 43.

Scholarly Journal Articles

Pell, S.J. (expected), 'Sense and Sensibility of Underwater Life', *International Journal of Anthropology* (Pontecorboli Editore, Firenze) 20000 Leagues Under the Lakes: From the Vassena's Submersible to Space: Celebrating 65 years of technology transfer in the design for Humans. Editor Prof. Malchiori Masali. Accepted 1 Dec 2013. ISSN 0393 - 9383

Langston, S., **Pell, S.J.** (2015) What is in a name? Perceived identity, classification, philosophy, and implied duty of the "astronaut". *Acta Astronautica* (Impact Factor: 0.82) Elsevier. 05/2015; 115(Oct-Nov): 185–194. DOI: 10.1016/j.actaastro.2015.05.028

Pell, S.J. (2014), *Aquabatics: a post-turbulent performance*, *Performance Research: a Journal on Performing Arts* (Impact Factor: 0.33). 11/2014; 19(5):98-108. DOI: 10.1080/13528165.2014.958365

Pell, S.J., Imhof, A.B., Waldvogel, A., Kotler, J.M., Peljhan, M., (2014) Towards a cooperation between the arts, space science research and the European Space Agency – Preliminary findings of the ESA Topical Team Arts and Sciences (ETTAS), *Acta Astronautica* 12/2014; 105(1):181–191. DOI:10.1016/j.actaastro.2014.08.015

Pell, S.J. (2012) 'Every space project needs an artist', *Artlink; Australia* 32(3): 10-15

Pell, S.J. (2006) 'Sugar and Spice: Bones of the Skin' [Review], *BST Body Space Technology Journal*, Brunel UK 6(4) Article 1.

Catalogue Essays

Pell, S.J. (2016) *Bodies in Extremis*, *Meta.Morf. 2016 Exhibition Catalogue* Edited by Prof. Rachel Armstrong, Rolf Hughes. Trondheim, Norway, TEKS – Trondheim Electronic Arts Centre

Pell, S.J. (2008) Glenn Pilkington, Yamatji people, Perth WA, Xstrata Coal Emerging Indigenous Art Award 2008, Qld Australia, Queensland Art Gallery, Gallery of Modern Art

Pell, S.J. (2007) 'Aquabatics' Bits, Bytes and the Rhetoric of Practice: *New Media Artist Statements*, edited by Clarke, R. US NMC Media-N, 2(3) Winter.

Published Refereed Full Conference Papers

Pell, S.J., Mueller, F. (2016) Technology meets Adventure: Learnings from a Technology Expedition in Nepal. UbiComp 2016. Heidelberg, Germany 12-16 Sep 2016. Accepted.

Raffe, W., Tamassia, M., Li, X., **Pell, S.J.**, Zambetta, F., Mueller, F. (2015) Player-Computer Interaction Features for Designing Digital Play Experiences across Six Degrees of Water Contact. CHI Play 2015, London, UK

Pell, S.J., Burke, B. (2014) 'Envisioning, Performance and Design Fiction as Research approach to predict future convergence between bodies, technologies and water.' 3WSD14 Water Wheel, World Water Day Symposium.

Pell, S.J., Mueller, F. (2013) 'Aquabatics: a novel approach to oceanic performance.' In Proceedings OPB13 Oceanic Performance Biennale, Auckland NZ. Nov 2013. (Extended Paper).

Pell, S.J., Mueller, F. (2013) Designing for depth: underwater play. In Proceedings of The 9th Australasian Conference on Interactive Entertainment: Matters of Life and Death (IE '13). ACM, New York, US
DOI=10.1145/2513002.2513036

Pell, S.J., Mueller, F.F. (2013) Gravity well: underwater play. In CHI '13 Extended Abstracts on Human Factors in Computing Systems (CHI EA '13). ACM, 3115-3118. DOI=10.1145/2468356.2479624

Imhof, B., Waldvogel, C., **Pell, S.J.**, Kotler, M., (2012) Towards a Cooperation between the Arts, Space Science Research and the European Space Agency, Conf. Proceedings ESA-ISGP Life in Space for Life on Earth Symposium – Joint 12th European Space Life Sciences Meeting, Aberdeen, UK.

Pell, S.J., Vermeulen, A., (2012) Space Science is Alive with Art, Conf. Proceedings European Space Agency (ESA) & International Society for Gravitational Physiology (ISGP) Life in Space for Life on Earth Symposium – Joint 12th European Space Life Sciences Meeting, 33rd ISGP, Aberdeen, UK.

Pell, S.J. (2007) Luna Gaia: Ethics, Philosophy & Social Governance, Conf. Proceedings 2nd International Space & Society Conference, Noordwijk, The Netherlands, ESA- ESTEC European Space Agency, NL.

Conference Papers

Pell, S.J., Mueller, F. (2016) Homo Ludens: how an analysis of play and performance during spaceflight can inspire the cultural sector to retro-design for new modes of space and spatiality. 67th International Astronautical Congress (IAC), Guadalajara, Mexico, 26-30 Sep 2016. IAC-16,E1,9,1,x34892 Accepted.

Langston, S., **Pell, S.J.** (2016) Astronaut 2.0: Connecting the physical and social perceptions on human identity, form and function in space to define the parameters of space faring individuals, 67th International Astronautical Congress (IAC), Guadalajara, Mexico, 26-30 Sep 2016. IAC-16,B3,9-GTS.2,6,x34820 Accepted.

Pell, S.J. (2016) Neohuman Performance Invitation, CfP: Law and the Senses II: Human, Posthuman, Inhuman Sensings, Westminster, UK 17–18 Nov 2016. Accepted.

Langston, S., Pell, S.J. (2016) Cosmic Sensations: Understanding Law Through Perceptions of Space CfP: Law and the Senses II: Human, Posthuman, Inhuman Sensings, Westminster 17–18 Nov 2016. Accepted.

Langston, S., **Pell, S.J.** (2014) What is in a name? Perceived identity, classification, philosophy, and implied

duty of the “astronaut”. 65th International Astronautical Congress, Toronto, CA 2014. E8. Multilingual Astronautical Terminology Symposium, 1. Multilingual Astronautical Terminology, International Astronautical Federation. Proceedings ID IAC-14,E8,1,x22445.

Pell, S.J. (2014) A case for an eXtreme Art Toolkit. 65th International Astronautical Congress, Toronto, CA 2014. E5. 25th IAA Symposium On Space Activity And Society 4. Contemporary Arts Practice and Outer Space: A Multi-Disciplinary Approach. International Astronautical Federation. Proceedings ID IAC-14,E5,4,x22459.

Pell, S.J., Nespoli, P.A., McKay, M. (2013), EVA Simulation Training Underwater with a Remote Mission ‘Control’. 64th International Astronautical Congress, Beijing, ROC (E1) Space Education and outreach Symposium (7) New Worlds – Innovative Space Education and Outreach. International Astronautical Federation. Proceedings ID IAC-13,E1,7,9x18783.

Pell, S.J., Mueller, F. (2013), Designing Mixed Gravity Exertion Games for Humans in Space, 64th International Astronautical Congress, Beijing, ROC (E5) 24th Symposium On Space Activity and Society (1) New Architectural, Strategic and Design Approaches to the Future of Human Space Flight. International Astronautical Federation. Proceedings ID IAC-13,E1,1,4x18692.

Imhof, B., Waldvogel, C., Kotler, M., **Pell, S.J.**, Peljkan, M., (2012) Towards a Cooperation between the Arts, and the ESA Topical Team Art & Science Report, 63rd International Astronautical Congress, Naples, Italy 2012. (E5) 23rd Symposium On Space Activity and Society (4) Space as an Artistic Medium. International Astronautical Federation. Proceedings ID IAC-12,E5,5A,6,x13409

Richards, R., Dalrymple, D., **Pell, S.J.**, Tselikhovich, D., Kargieman, E. (2010) To Boldly Stay: Creating a sustained capability to send humans in the solar system to stay indefinitely NASA Ames -SU Conference, NASA Ames, US.

Pell, S.J., Chamberland, D. (2008) Space-related Art from Atlantica Mission, 59th International Astronautical Congress Glasgow UK 2008, (E5.1) 19th Symposium on Space-Related Activity and Society, UK, International Astronautical Federation. Proceedings ID IAC-08.E5.1.7

Pell, S.J. (2008) Designing a dynamic utopia of our future in Space, 59th International Astronautical Congress 2008, Glasgow, UK 2008. (D3.1) Symposium on Stepping Stones to the future: Strategies, architectures, concepts and technologies, International Astronautical Federation. Proceedings ID IAC-08.D3.1.8

Pell, S.J. (2008) Innovative Underwater Wireless Sensor Performance Applications, SENSORCOMM 2008 The Second International Conference on Sensor Technologies and Applications, UNWAT 2008: The Second International Workshop on Under Water Sensors and Systems, Proceedings Cap Esterel, France, IEEE Computer Society Press.

Pell, S.J. (2007) Biotelemetry in WET and DRI space performance, DRAH 07, Doing Digital: Using Digital Resources In The Arts And Humanities, Dartington University, UK.

Pell, S.J. (2007) Inspiring Transformations: The Art & Health Conference, The University of Northampton, 3-6 Sep.

Pell, S.J. et al. (2006) Luna Gaia: a closed loop habitat for the moon, TP Presentations, International Space University

Pell, S.J. (2006) 'Hydrophilia' and subspace performance pathologies', Sensi/able Spaces: Space, Art and the Environment, proceedings of the SPARTEN conference, Reykjavik, University of Iceland 1 Jun – 2 Jun 2006,

In Edward H. Huijbens, Ólafur Páll Jónsson, Cambridge Scholars Pub, 2007.

Pell, S.J. (2006) 'Performing by the rules...Underwater!', Counter-Narratives: Challenging / Conflicting / Confusing Voices., Hampshire, UK, Winchester University

Pell, S.J. (2006) 'Gravity Pulse in Subspace: an introduction to Aquabatics', 25th international Space Development Conference, Los Angeles, Space Art Track

Published Conference Extracts

Pell, S.J., Dougherty, K., Imhof, B, Kaye, Z, Vermuelen, A, (2013). Art(ist)s in Space Panel, ISEA2013 International Symposium of Electronic Arts, University of Sydney, AU. Panel position paper.

Pell, S.J. (2008) Space-related Art from Atlantica Mission, 59th IAC 2008, LESS REMOTE: The Futures of Space Exploration. An arts and Humanities Symposium, Glasgow, Scotland.

Pell, S.J. (2007) Hydromedusa: Aqueous Architectures for Use in WET Spaces, MutaMorphosis: Challenging Arts & Sciences, Conference Prague.

Pell, S.J. (2007) Underwater Performance and New Media, Media-Infinity: Taiwan-Australia New Media Arts Forum, Taipei, TW, National Taiwan University of Arts. Curators Eleanor Gates-Smith, Lyn, Pey-Chwen.

Pell, S.J. (2006) 'Sub Culture', Space Soon: art & human space flight, London UK, The RoundHouse.

Birringer, J., **Pell, S.J.**, Bell, S, La Frenais, R (2006) 'Sub Culture: Duty of Care in performance', PSi12 Performance Studies International #12, Queen Mary, University of London, East End Collaborations and Live Art Development Agency.

Pell, S.J. (2005) 'Sub Culture: Preparing a public subspace habitat performance as an analogue to outer space operations', Blue2005 Human Performance Limits and Behaviour in Underwater Environments, CNR Institute of Clinical Physiology, Pisa IT.

White Paper / Technical Report

Imhof, B., Waldvogel, C., Kotler, M., **Pell, S.J.**, (2012) Meeting Report 2011 European Space Authority (ESA) Topical Team Art & Science. Meeting Report ETTAS, EAC Cologne June 19-July1, 2011. Executive summary for the Network for Science, Engineering, Art and Design SEAD Working Group White Papers.

Dalrymple, D., Tseliakhovich, D., **Pell, S.J.**, Kargieman, E., et al. (2010) To Boldly Stay: Creating a sustained capability to send humans in the solar system to stay indefinitely Final Report Edition, GSP10 NASA Ames, California US, Singularity University, 120 pages.

Pell, S.J., Chartres, J., Gauthier, J-F., Gill, T., Ozlati, S., Transfield, E., Vandersteen, J. et al. (2006) Luna Gaia: a closed loop habitat for the moon, Final Report, SSP06, FR International Space University, 220 pages.