

Bedoustani, YB, Taghirad, HD & Aref, MM 2008, Dynamics analysis of a redundant parallel manipulator driven by elastic cables. in *2008 10th International Conference on Control, Automation, Robotics and Vision, ICARCV 2008.*, 4795575, pp. 536-542, 2008 10th International Conference on Control, Automation, Robotics and Vision, ICARCV 2008, Hanoi, Viet Nam, 17/12/08. <https://doi.org/10.1109/ICARCV.2008.4795575>

Gholami, P, Aref, MM & Taghirad, HD 2008, On the control of the KNTU CDRPM: A cable driven redundant parallel manipulator. in *2008 IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS.*, 4650740, pp. 2404-2409, 2008 IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS, Nice, France, 22/09/08. <https://doi.org/10.1109/IROS.2008.4650740>

Špakov, O 2011, Comparison of gaze-to-objects mapping algorithms. in *Proceedings of the 1st Conference on Novel Gaze-Controlled Applications, NGCA'11.*, 6, 1st Conference on Novel Gaze-Controlled Applications, NGCA'11, Karlskrona, Sweden, 26/05/11. <https://doi.org/10.1145/1983302.1983308>

Gizatdinova, Y, Surakka, V, Zhao, G, Mäkinen, E & Raisamo, R 2011, Facial expression classification based on local spatiotemporal edge and texture descriptors. in *Selected Papers from the Proceedings of the 7th International Conference on Methods and Techniques in Behavioral Research - Digital Edition, MB'10.*, 21, 7th International Conference on Methods and Techniques in Behavioral Research, MB'10, Eindhoven, Netherlands, 24/08/10. <https://doi.org/10.1145/1931344.1931365>

Lankinen, J & Kamarainen, JK 2011, Local feature based unsupervised alignment of object class images. in *BMVC 2011 - Proceedings of the British Machine Vision Conference 2011.* British Machine Vision Association, BMVA, 2011 22nd British Machine Vision Conference, BMVC 2011, Dundee, United Kingdom, 29/08/11. <https://doi.org/10.5244/C25.107>

Hakonen, H, Hyrynsalmi, S & Järvi, A 2011, Reducing the number of unit tests with design by contract. in *Computer Systems and Technologies - 12th International Conference, CompSysTech'11 - Proceedings.* vol. 578, pp. 161-166, 12th International Conference on Computer Systems and Technologies, CompSysTech'11, Vienna, Austria, 16/06/11. <https://doi.org/10.1145/2023607.2023635>

Holopainen, J, Lucero, A, Saarenpää, H, Nummenmaa, T, Ali, AE & Jokela, T 2011, Social and privacy aspects of a system for collaborative public expression. in *Proceedings of the 8th International Conference on Advances in Computer Entertainment Technology, ACE 2011.*, 23, 8th International Conference on Advances in Computer Entertainment Technology, ACE 2011, Lisbon, Portugal, 8/11/11. <https://doi.org/10.1145/2071423.2071452>

Smith, C, Crook, N, Dobnik, S, Charlton, D, Boye, J, Pulman, S, Santos de la Camara, R, Turunen, M, Benyon, D, Bradley, J, Gambäck, B, Hansen, P, Mival, O, Webb, N & Cavazza, M 2011, 'Interaction strategies for an affective conversational agent', *Presence: Teleoperators and Virtual Environments*, vol. 20, no. 5, pp. 395-411. https://doi.org/10.1162/PRES_a_00063

Boutellier, J, Lundbom, I, Janhunen, J, Ylimainen, J & Hannuksela, J 2012, Application-specific instruction processor for extracting local binary patterns. in *DASIP 2012 - Proceedings of the 2012 Conference on Design and Architectures for Signal and Image Processing.*, 6385363, pp. 82-89, 6th Annual Conference on Design and Architectures for Signal and Image Processing, DASIP 2012, Karlsruhe, Germany, 23/10/12.

Špakov, O 2012, Comparison of eye movement filters used in HCI. in *Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium.* pp. 281-284, 7th Eye Tracking Research and Applications Symposium, ETRA 2012, Santa Barbara, CA, United States, 28/03/12. <https://doi.org/10.1145/2168556.2168616>

Gizatdinova, Y, Spakov, Ö & Surakka, V 2012, Face typing: Vision-based perceptual interface for hands-free text entry with a scrollable virtual keyboard. in *2012 IEEE Workshop on the Applications of Computer Vision, WACV 2012.*, 6162997, pp. 81-87, 2012 IEEE Workshop on the Applications of Computer Vision, WACV 2012, Breckenridge, CO, United States, 9/01/12. <https://doi.org/10.1109/WACV.2012.6162997>

Hyrskykari, A, Istance, H & Vickers, S 2012, Gaze gestures or dwell-based interaction? in *Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium.* pp. 229-232, 7th Eye Tracking Research and Applications Symposium, ETRA 2012, Santa Barbara, CA, United States, 28/03/12. <https://doi.org/10.1145/2168556.2168602>

Kim, SC, Plishker, WL, Bhattacharyya, SS & Cavallaro, JR 2012, GPU-based acceleration of symbol timing recovery. in *DASIP 2012 - Proceedings of the 2012 Conference on Design and Architectures for Signal and Image Processing.*, 6385393, pp. 273-280, 6th Annual Conference on Design and Architectures for Signal and Image Processing, DASIP 2012, Karlsruhe, Germany, 23/10/12.

Kallioniemi, P & Turunen, M 2012, Model for landmark highlighting in mobile web services. in *Proceedings of the 11th International Conference on Mobile and Ubiquitous Multimedia, MUM 2012.*, 25, 11th International Conference on Mobile and Ubiquitous Multimedia, MUM 2012, Ulm, Germany, 4/12/12. <https://doi.org/10.1145/2406367.2406398>

Heikkilä, H & Rähä, KJ 2012, Simple gaze gestures and the closure of the eyes as an interaction technique. in *Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium.* pp. 147-154, 7th Eye Tracking Research and Applications Symposium, ETRA 2012, Santa Barbara, CA, United States, 28/03/12. <https://doi.org/10.1145/2168556.2168579>

Istance, H, Vickers, S & Hyrskykari, A 2012, The validity of using non-representative users in gaze communication research. in *Proceedings - ETRA 2012: Eye Tracking Research and Applications Symposium.* pp. 233-236, 7th Eye Tracking Research and Applications Symposium, ETRA 2012, Santa Barbara, CA, United States, 28/03/12. <https://doi.org/10.1145/2168556.2168603>

Şahin, E & Onural, L 2012, 'Scalar diffraction field calculation from curved surfaces via Gaussian beam decomposition', *Journal of the Optical Society of America A: Optics Image Science and Vision*, vol. 29, no. 7, pp. 1459-1469. <https://doi.org/10.1364/JOSAA.29.001459>

Iosifidis, A, Tefas, A & Pitas, I 2013, Active classification for human action recognition. in *2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings.*, 6738669, pp. 3249-3253, 2013 20th IEEE International Conference on Image Processing, ICIP 2013, Melbourne, VIC, Australia, 15/09/13. <https://doi.org/10.1109/ICIP.2013.6738669>

Luhtala, M, Turunen, M, Hakulinen, J & Keskinen, T 2013, 'Aie-studio' - A pragmatist aesthetic approach for procedural sound design. in *Proceedings of the 8th Audio Mostly: A Conference on Interaction with Sound, AM 2013 - In Cooperation with ACM SIGCHI.*, 7, Association for Computing Machinery, 8th Audio Mostly: A Conference on Interaction with Sound, AM 2013, Pitea, Sweden, 18/09/13. <https://doi.org/10.1145/2544114.2544124>

Kim, SC, Plishker, WL & Bhattacharyya, SS 2013, An efficient GPU implementation of an arbitrary resampling polyphase channelizer. in *DASIP 2013 - Proceedings of the 2013 Conference on Design and Architectures for Signal and Image Processing.*, 6661548, pp. 231-238, 2013 7th Conference on Design and Architectures for Signal and Image Processing, DASIP 2013, Cagliari, Italy, 8/10/13.

Betrouni, N, Colin, P, Puech, P, Villers, A & Mordon, S 2013, An image guided treatment platform for prostate cancer photodynamic therapy. in *2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2013.*, 6609514, pp. 370-373, 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2013, Osaka, Japan, 3/07/13. <https://doi.org/10.1109/EMBC.2013.6609514>

Şahin, E & Onural, L 2013, 'Calculation of the scalar diffraction field from curved surfaces by decomposing the three-dimensional field into a sum of Gaussian beams', *Journal of the Optical Society of America A: Optics Image Science and Vision*, vol. 30, no. 3, pp. 527-536.

Kikuchi, H, Kataoka, S, Muramatsu, S & Huttunen, H 2013, Color-tone similarity of digital images. in *2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings.* pp. 393-397, 2013 20th IEEE International Conference on Image Processing, ICIP 2013, Melbourne, VIC, Australia, 15/09/13. <https://doi.org/10.1109/ICIP.2013.6738081>

Casale-Brunet, S, Bezati, E, Alberti, C, Roquier, G, Mattavelli, M, Janneck, JW & Boutellier, J 2013, Design space exploration and implementation of RVC-CAL applications using the TURNUS framework. in *DASIP 2013 - Proceedings of the 2013 Conference on Design and Architectures for Signal and Image Processing.*, 6661566, pp. 341-342, 2013 7th Conference on Design and Architectures for Signal and Image Processing, DASIP 2013, Cagliari, Italy, 8/10/13.

Iosifidis, A, Tefas, A & Pitas, I 2013, 'Dynamic action recognition based on dynemes and Extreme Learning Machine', *Pattern Recognition Letters*, vol. 34, no. 15, pp. 1890-1898. <https://doi.org/10.1016/j.patrec.2012.10.019>

Ihantola, P, Helminen, J & Karavirta, V 2013, How to study programming on mobile touch devices - Interactive Python code exercises. in *Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013*. pp. 51-58, 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013, Koli, Finland, 14/11/13. <https://doi.org/10.1145/2526968.2526974>

Lebeda, K, Hadfield, S, Matas, J & Bowden, R 2013, Long-term tracking through failure cases. in *Proceedings - 2013 IEEE International Conference on Computer Vision Workshops, ICCVW 2013.*, 6755891, Institute of Electrical and Electronics Engineers Inc., pp. 153-160, 2013 14th IEEE International Conference on Computer Vision Workshops, ICCVW 2013, Sydney, NSW, Australia, 1/12/13. <https://doi.org/10.1109/ICCVW.2013.26>

Sand, A & Rakkolainen, I 2013, Mixed reality with multimodal head-mounted pico projector. in *Proceedings of the Virtual Reality International Conference on Laval Virtual, VRIC 2013.*, 14, Virtual Reality International Conference on Laval Virtual, VRIC 2013, Laval, France, 20/03/13. <https://doi.org/10.1145/2466816.2466831>

Efimushkina, T, Egiazarian, K & Gabbouj, M 2013, Rate-distortion based reversible watermarking for JPEG images with quality factors selection. in *2013 4th European Workshop on Visual Information Processing, EUVIP 2013, Paris, France, 10.-12.2013.*, 6623958, European Workshop on Visual Information Processing, University of Paris 13, pp. 94-99, 2013 4th European Workshop on Visual Information Processing, EUVIP 2013, Paris, France, 10/06/13.

Sharmin, S, Špakov, O & Rähkä, KJ 2013, Reading on-screen text with gaze-based auto-scrolling. in *Proceedings of the 2013 Conference on Eye Tracking South Africa, ETSA 2013*. pp. 24-31, 2013 Conference on Eye Tracking South Africa, ETSA 2013, Cape Town, South Africa, 29/08/13. <https://doi.org/10.1145/2509315.2509319>

Helminen, J, Ihantola, P & Karavirta, V 2013, Recording and analyzing in-browser programming sessions. in *Proceedings - 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013*. pp. 13-22, 13th Koli Calling International Conference on Computing Education Research, Koli Calling 2013, Koli, Finland, 14/11/13. <https://doi.org/10.1145/2526968.2526970>

Kristan, M, Pflugfelder, R, Leonardis, A, Matas, J, Porikli, F, Čehovin, L, Nebehay, G, Fernandez, G, Vojř, T, Gatt, A, Khajenezhad, A, Salahledin, A, Soltani-Farani, A, Zarezade, A, Petrosino, A, Milton, A, Bozorgtabar, B, Li, B, Chan, CS, Heng, C, Ward, D, Kearney, D, Monekosso, D, Karaimer, HC, Rabiee, HR, Zhu, J, Gao, J, Xiao, J, Zhang, J, Xing, J, Huang, K, Lebeda, K, Cao, L, Maresca, ME, Lim, MK, ELHelw, M, Felsberg, M, Remagnino, P, Bowden, R, Goecke, R, Stolkin, R, Lim, SYY, Maher, S, Poullot, S, Wong, S, Satoh, SI, Chen, W, Hu, W, Zhang, X, Li, Y & Niu, Z 2013, The visual object tracking VOT2013 challenge results. in *Proceedings - 2013 IEEE International Conference on Computer Vision Workshops, ICCVW 2013.*, 6755885, Institute of Electrical and Electronics Engineers Inc., pp. 98-111, 2013 14th IEEE International Conference on Computer Vision Workshops, ICCVW 2013, Sydney, NSW, Australia, 1/12/13. <https://doi.org/10.1109/ICCVW.2013.20>

Iosifidis, A, Tefas, A & Pitas, I 2013, View-independent human action recognition based on multi-view action images and discriminant learning. in *2013 IEEE 11th IVMSP Workshop: 3D Image/Video Technologies and Applications, IVMSP 2013 - Proceedings*. 2013 IEEE 11th Workshop on 3D Image/Video Technologies and Applications, IVMSP 2013, Seoul, Korea, Republic of, 10/06/13. <https://doi.org/10.1109/IVMSPW.2013.6611931>

Iosifidis, A, Tefas, A & Pitas, I 2013, 'Multi-view action recognition based on action volumes, fuzzy distances and cluster discriminant analysis', *Signal Processing*, vol. 93, no. 6, pp. 1445-1457. <https://doi.org/10.1016/j.sigpro.2012.08.015>

Yviquel, H, Boutellier, J, Raulet, M & Casseau, E 2013, 'Automated design of networks of transport-triggered architecture processors using dynamic dataflow programs', *Signal Processing: Image Communication*, vol. 28, no. 10, pp. 1295-1302. <https://doi.org/10.1016/j.image.2013.08.013>

Mouaffo, A, Taibi, D & Jamboti, K 2014, Controlled experiments comparing fault-tree-based safety analysis techniques. in *18th International Conference on Evaluation and Assessment in Software Engineering, EASE 2014.*, a46, Association for Computing Machinery (ACM), 18th International Conference on Evaluation and Assessment in Software Engineering, EASE 2014, London, United Kingdom, 12/05/14. <https://doi.org/10.1145/2601248.2601255>

Bhattacharyya, SS, Van Der Schaar, M, Atan, O, Tekin, C & Sudusinghe, K 2014, Data-driven stream mining systems for computer vision. in *Advances in Computer Vision and Pattern Recognition*. vol. 68, Advances in Computer Vision and Pattern Recognition, vol. 68, SPRINGER-VERLAG LONDON LTD, pp. 249-264. https://doi.org/10.1007/978-3-319-09387-1_12

Kangas, J, Rantala, J, Majaranta, P, Isokoski, P & Raisamo, R 2014, Haptic feedback to gaze events. in *Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014*. Association for Computing Machinery, pp. 11-18, 8th Symposium on Eye Tracking Research and Applications, ETRA 2014, Safety Harbor, FL, United States, 26/03/14. <https://doi.org/10.1145/2578153.2578154>

Špakov, O, Isokoski, P & Majaranta, P 2014, Look and lean: Accurate head-assisted eye pointing. in *Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014*. Association for Computing Machinery, pp. 35-42, 8th Symposium on Eye Tracking Research and Applications, ETRA 2014, Safety Harbor, FL, United States, 26/03/14. <https://doi.org/10.1145/2578153.2578157>

Jarusriboonchai, P, Olsson, T, Ojala, J & Väänänen-Vainio-Mattila, K 2014, Opportunities and Challenges of Mobile Applications as "Tickets-to-Talk": A Scenario-Based User Study. in *Proceedings of the 13th International Conference on Mobile and Ubiquitous Multimedia, MUM2014, November 25-28, 2014, Melbourne, Australia*. International conference on mobile and ubiquitous multimedia, ACM, New York, NY, pp. 89-97, International Conference on Mobile and Ubiquitous Multimedia, 1/01/00. <https://doi.org/10.1145/2677972.2677993>

Špakov, O & Gizatdinova, Y 2014, Real-time hidden gaze point correction. in *Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014*. Association for Computing Machinery, pp. 291-294, 8th Symposium on Eye Tracking Research and Applications, ETRA 2014, Safety Harbor, FL, United States, 26/03/14. <https://doi.org/10.1145/2578153.2578200>

Akkil, D, Isokoski, P, Kangas, J, Rantala, J & Raisamo, R 2014, TraQuMe: A tool for measuring the gaze tracking quality. in *Proceedings of the Symposium on Eye Tracking Research and Applications, ETRA 2014*. Association for Computing Machinery, pp. 327-330, 8th Symposium on Eye Tracking Research and Applications, ETRA 2014, Safety Harbor, FL, United States, 26/03/14. <https://doi.org/10.1145/2578153.2578192>

Eloranta, V-P 2014, Patterns for controlling chaos in a startup. in *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs*. vol. 2014-April, ACM International Conference Proceeding Series, Association for Computing Machinery, pp. 1-8, Nordic Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2676680.2676682>

Leppänen, M 2014, Two patterns for minimizing human resources in a startup. in *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP)* ., 4, ACM, Nordic Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2676680.2676686>

Raitoharju, J, Zhang, H, Ozan, EC, Waris, MA, Faisal, M, Cao, G, Roininen, M, Ahmad, I, Shetty, R, Uhlmann, S, Samiee, K, Kiranyaz, S & Gabbouj, M 2014, Tut MUVIS image retrieval system proposal for MSR-Bing challenge 2014. in *IEEE International Conference on Multimedia and Expo, ICME 2014, Chengdu, China, July 14-18, 2014*. Institute of Electrical and Electronics Engineers IEEE, Piscataway, pp. 1-6, IEEE International Conference on Multimedia and Expo, 1/01/00. <https://doi.org/10.1109/ICMEW.2014.6890600>

Iosifidis, A, Tefas, A & Pitas, I 2014, 'Discriminant Bag of Words based representation for human action recognition', *Pattern Recognition Letters*, vol. 49, pp. 185-192. <https://doi.org/10.1016/j.patrec.2014.07.011>

Iosifidis, A, Tefas, A & Pitas, I 2014, 'Kernel reference discriminant analysis', *Pattern Recognition Letters*, vol. 49, pp. 85-91. <https://doi.org/10.1016/j.patrec.2014.06.013>

Kultima, A, Nummenmaa, T, Tyni, H, Alha, K & Mayra, F 2014, Goofy Mus, grumpy Mur and dirty Muf: Talking playful seats with personalities. in *ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Workshops Proceedings*. vol. 11-14-November-2014, a9, Association for Computing Machinery, 11th Advances in Computer Entertainment Technology Conference, ACE 2014 Workshops, Funchal, Madeira, Portugal, 11/11/14. <https://doi.org/10.1145/2693787.2693790>

Mäkelä, V, Heimonen, T, Luhtala, M & Turunen, M 2014, Information wall: Evaluation of a gesture-controlled public display . in *ACE 2014 - 11th Advances in Computer Entertainment Technology Conference, Proceedings*. vol. 2014-November, Association for Computing Machinery, pp. 228-231, 13th International Conference on Mobile and Ubiquitous Multimedia, MUM 2014, Melbourne, Australia, 25/11/14. <https://doi.org/10.1145/2677972.2677998>

Kim, SC & Bhattacharyya, SS 2014, Implementation of a low-complexity low-latency arbitrary resampler on GPUs. in *2014 IEEE Dallas Circuits and Systems Conference: Enabling an Internet of Things - From Sensors to Servers, DCAS 2014*. 6965333, Institute of Electrical and Electronics Engineers Inc., 10th IEEE Dallas Circuits and Systems Conference, DCAS 2014, Richardson, United States, 12/10/14. <https://doi.org/10.1109/DCAS.2014.6965333>

Iosifidis, A, Tefas, A & Pitas, I 2014, Semi-supervised classification of human actions based on neural networks. in *Proceedings - International Conference on Pattern Recognition*. The Institute of Electrical and Electronics Engineers, Inc., pp. 1336-1341, 22nd International Conference on Pattern Recognition, ICPR 2014, Stockholm, Sweden, 24/08/14. <https://doi.org/10.1109/ICPR.2014.239>

Kertész, C & Turunen, M 2015, Community driven artificial intelligence development for robotics. in *Doctoral Consortium on Informatics in Control, Automation and Robotics, DCINCO 2015; in conjunction with the 12th International Conference on Informatics in Control, Automation and Robotics, ICINCO*. SCITEPRESS, pp. 3-10, Doctoral Consortium on Informatics in Control, Automation and Robotics, DCINCO 2015; in conjunction with the 12th International Conference on Informatics in Control, Automation and Robotics, ICINCO 2015, Colmar, Alsace, France, 21/07/15.

Pertilä, P & Nikunen, J 2015, 'Distant speech separation using predicted time-frequency masks from spatial features', *Speech Communication*, vol. 68, pp. 97-106. <https://doi.org/10.1016/j.specom.2015.01.006>

Dricot, A, Jung, J, Cagnazzo, M, Pesquet, B, Dufaux, F, Kovács, P & Adhikarla, VK 2015, 'Subjective evaluation of Super Multi-View compressed contents on high-end light-field 3D displays', *Signal Processing: Image Communication*, vol. 39, no. Part B, pp. 369-385. <https://doi.org/10.1016/j.image.2015.04.012>

Dutta, R, Friberg, AT, Genty, G & Turunen, J 2015, 'Two-time coherence of pulse trains and the integrated degree of temporal coherence', *Journal of the Optical Society of America A: Optics Image Science and Vision*, vol. 32, no. 9, pp. 1631-1637. <https://doi.org/10.1364/JOSAA.32.001631>

Ponomarenko, N, Jin, L, Ieremeiev, O, Lukin, V, Egiazarian, K, Astola, J, Vozel, B, Chehdi, K, Carli, M, Battisti, F & Jay Kuo, CC 2015, 'Image database TID2013: Peculiarities, results and perspectives', *Signal Processing: Image Communication*, vol. 30, pp. 57-77. <https://doi.org/10.1016/j.image.2014.10.009>

Mademlis, I, Iosifidis, A, Tefas, A, Nikolaidis, N & Pitas, I 2015, Stereoscopic video description for human action recognition. in *IEEE SSCI 2014 - 2014 IEEE Symposium Series on Computational Intelligence - CIMSIVP 2014: 2014 IEEE Symposium on Computational Intelligence for Multimedia, Signal and Vision Processing, Proceedings*. The Institute of Electrical and Electronics Engineers, Inc., 2014 IEEE Symposium on Computational Intelligence for Multimedia, Signal and Vision Processing, CIMSIVP 2014, Orlando, United States, 9/12/14. <https://doi.org/10.1109/CIMSIVP.2014.7013263>

Hukkanen, J, Astola, P & Tabus, I 2015, Lossless compression of regions-of-interest from retinal images. in *EUVIP 2014 - 5th European Workshop on Visual Information Processing*. The Institute of Electrical and Electronics Engineers, Inc., European Workshop on Visual Information Processing, 1/01/00. <https://doi.org/10.1109/EUVIP.2014.7018394>

Aflaki, P, Hannuksela, MM & Gabbouj, M 2015, Adaptive spatial resolution selection for stereoscopic video compression with MV-HEVC: A frequency based approach. in *2014 IEEE International Symposium on Multimedia, ISM 2014, 10-12 Dec. 2014, Taichung*. The Institute of Electrical and Electronics Engineers, Inc., pp. 267-270, IEEE International Symposium on Multimedia, 1/01/00. <https://doi.org/10.1109/ISM.2014.11>

- Homayouni, M, Aflaki, P, Hannuksela, MM & Gabbouj, M 2015, Asymmetrie luminance based filtering for stereoscopic video compression. in *2014 International Conference on 3D Imaging (IC3D)*. IEEE, International Conference on 3D Imaging, 1/01/00. <https://doi.org/10.1109/IC3D.2014.7032577>
- Cricri, F, Mate, S, Curcio, IDD & Gabbouj, M 2015, Salient event detection in basketball mobile videos. in *Proceedings - 2014 IEEE International Symposium on Multimedia, ISM 2014.*, 7032995, The Institute of Electrical and Electronics Engineers, Inc., pp. 63-70, IEEE International Symposium on Multimedia, 1/01/00. <https://doi.org/10.1109/ISM.2014.67>
- Bugdayci Sansli, D, Aminlou, A, Ugur, K, Hannuksela, MM & Gabbouj, M 2015, Improved weighted prediction based color gamut scalability in SHVC. in *2014 IEEE Visual Communications and Image Processing Conference, VCIP 2014.*, 7051539, The Institute of Electrical and Electronics Engineers, Inc., pp. 201-204, Visual Communications and Image Processing Conference, United Kingdom, 1/01/00. <https://doi.org/10.1109/VCIP.2014.7051539>
- Iosifidis, A, Tefas, A & Pitas, I 2015, 'On the kernel Extreme Learning Machine classifier', *Pattern Recognition Letters*, vol. 54, pp. 11-17. <https://doi.org/10.1016/j.patrec.2014.12.003>
- Iosifidis, A, Marami, E, Tefas, A, Pitas, I & Lyroutdia, K 2015, 'The MOBISERV-AIIA eating and drinking multi-view database for vision-based assisted living', *Journal of Information Hiding and Multimedia Signal Processing*, vol. 6, no. 2, pp. 254-273.
- Rindell, K, Hyrynsalmi, S & Leppänen, V 2015, A comparison of security assurance support of agile software development methods. in *Computer Systems and Technologies - 16th International Conference, CompSysTech 2015: Proceedings*. vol. 1008, Association for Computing Machinery, pp. 61-68, 16th International Conference on Computer Systems and Technologies, CompSysTech 2015, Dublin, Ireland, 25/06/15. <https://doi.org/10.1145/2812428.2812431>
- Zhu, S, Zeng, B & Gabbouj, M 2015, 'Adaptive sampling for compressed sensing based image compression', *Journal of Visual Communication and Image Representation*, vol. 30, pp. 94-105. <https://doi.org/10.1016/j.jvcir.2015.03.006>
- Leppänen, M & Hokkanen, L 2015, Four patterns for internal startups. in *Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015.*, a5, ACM, European Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2855321.2855327>
- Hokkanen, L & Leppänen, M 2015, Three patterns for user involvement in startups. in *Proceedings of the 20th European Conference on Pattern Languages of Programs, EuroPLoP 2015.*, a51, ACM, European Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/2855321.2855373>
- Hirvonen, J & Kallio, P 2015, 'Automatic image-based detection and inspection of paper fibres for grasping', *IET Computer Vision*, vol. 9, no. 4, pp. 588-594. <https://doi.org/10.1049/iet-cvi.2014.0416>
- Sikiö, M, Holli-Helenius, KK, Ryymin, P, Dastidar, P, Eskola, H & Harrison, L 2015, The effect of region of interest size on textural parameters. in *2015 9th International Symposium on Image and Signal Processing and Analysis (ISPA)*. IEEE, pp. 149-153, International Symposium on Image and Signal Processing and Analysis, Croatia, 1/01/15. <https://doi.org/10.1109/ISPA.2015.7306049>
- Huttunen, H & Tohka, J 2015, 'Model selection for linear classifiers using Bayesian error estimation', *Pattern Recognition*, vol. 48, no. 11, pp. 3739-3748. <https://doi.org/10.1016/j.patcog.2015.05.005>
- Iosifidis, A, Tefas, A & Pitas, I 2015, 'Sparse extreme learning machine classifier exploiting intrinsic graphs', *Pattern Recognition Letters*, vol. 65, pp. 192-196. <https://doi.org/10.1016/j.patrec.2015.07.036>
- Nummenmaa, T, Tyni, H, Kultima, A, Alha, K & Holopainen, J 2015, Need to touch, wonder of discovery, and social capital: Experiences with interactive playful seats. in *ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings*. vol. 16-19-November-2015, 10, Association for Computing Machinery, 12th Advances in Computer Entertainment Technology Conference, ACE 2015, Iskandar, Malaysia, 16/11/15.

<https://doi.org/10.1145/2832932.2832959>

Jumisko-Pyykkö, S, Markopoulos, P & Hannuksela, MM 2015, Who is moving - User or device? Experienced quality of mobile 3D video in vehicles. in *ACE 2015 - 12th Advances in Computer Entertainment Technology Conference, Proceedings.*, 13, ACM, International Conference on Advances in Computer Entertainment Technology, 1/01/00. <https://doi.org/10.1145/2832932.2832948>

Riabchenko, E & Kämäräinen, J-K 2015, 'Generative part-based Gabor object detector', *Pattern Recognition Letters*, vol. 68, no. P1, pp. 1-8. <https://doi.org/10.1016/j.patrec.2015.08.004>

Sarjanoja, S, Boutellier, J & Hannuksela, J 2015, BM3D image denoising using heterogeneous computing platforms. in *DASIP 2015 - Proceedings of the 2015 Conference on Design and Architectures for Signal and Image Processing*. vol. 2015-December, 7367257, IEEE COMPUTER SOCIETY PRESS, Conference on Design and Architectures for Signal and Image Processing, DASIP 2015, Cracow, Poland, 23/09/15. <https://doi.org/10.1109/DASIP.2015.7367257>

Mehta, R & Egiazarian, K 2016, 'Dominant Rotated Local Binary Patterns (DRLBP) for texture classification', *Pattern Recognition Letters*, vol. 71, pp. 16-22. <https://doi.org/10.1016/j.patrec.2015.11.019>

Foi, A & Boracchi, G 2016, 'Foveated Nonlocal Self-Similarity', *International Journal of Computer Vision*, vol. 120, no. 1, pp. 78–110. <https://doi.org/10.1007/s11263-016-0898-1>

Strokina, N, Matas, J, Eerola, T, Lensu, L & Kälviäinen, H 2016, 'Detection of bubbles as concentric circular arrangements', *Machine Vision and Applications*, vol. 27, no. 3, pp. 387-396. <https://doi.org/10.1007/s00138-016-0749-7>

Helenius, M, Kettunen, P & Frank, L 2016, Learnings from the Finnish game industry. in *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016.*, a12, ACM, Travelling Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/3022636.3022648>

Rauhämäki, J 2016, Patterns for safety system bus architecture. in *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016.*, a4, ACM, Travelling Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/3022636.3022640>

Leppänen, M & Hokkanen, L 2016, Patterns for subsidiaries as innovation tools. in *Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, VikingPLoP 2016.*, a7, ACM, Travelling Conference on Pattern Languages of Programs, 1/01/00. <https://doi.org/10.1145/3022636.3022643>

Ruohonen, J, Hyrynsalmi, S & Leppänen, V 2016, Exploring the use of deprecated PHP releases in the wild internet: Still a LAMP issue? in *6th International Conference on Web Intelligence, Mining and Semantics, WIMS 2016.*, 26, Association for Computing Machinery, 6th International Conference on Web Intelligence, Mining and Semantics, WIMS 2016, Nimes, France, 13/06/16. <https://doi.org/10.1145/2912845.2912851>

Ahti, V, Hyrynsalmi, S & Nevalainen, O 2016, An evaluation framework for cross-platform mobile app development tools: A case analysis of adobe PhoneGap framework. in *Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings*. vol. 1164, Association for Computing Machinery, pp. 41-48, 17th International Conference on Computer Systems and Technologies, CompSysTech 2016, Palermo, Italy, 23/06/16. <https://doi.org/10.1145/2983468.2983484>

Hosseinzadeh, S, Rauti, S, Laurén, S, Mäkelä, JM, Holvitie, J, Hyrynsalmi, S & Leppänen, V 2016, A survey on aims and environments of diversification and obfuscation in software security. in *Computer Systems and Technologies 17th International Conference, CompSysTech 2016 - Proceedings*. vol. 1164, Association for Computing Machinery, pp. 113-120, 17th International Conference on Computer Systems and Technologies, CompSysTech 2016, Palermo, Italy, 23/06/16. <https://doi.org/10.1145/2983468.2983479>

Sorokin, M, Strokina, N, Eerola, T, Lensu, L, Karttunen, K & Kalviainen, H 2016, 'Image-based characterization of the pulp flows', *Pattern Recognition and Image Analysis*, vol. 26, no. 3, pp. 630-637. <https://doi.org/10.1134/S1054661816030196>

Zare, A, Kovacs, PT, Aminlou, A, Hannuksela, MM & Gotchev, A 2016, Decoding complexity reduction in projection-based light-field 3D displays using self-contained HEVC tiles. in *2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016*. IEEE COMPUTER SOCIETY PRESS, 3DTV Conference, United States, 1/01/00. <https://doi.org/10.1109/3DTV.2016.7548965>

Helin, P, Astola, P, Rao, B & Tabus, I 2016, Sparse modelling and predictive coding of subaperture images for lossless plenoptic image compression. in *2016 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2016*. IEEE COMPUTER SOCIETY PRESS, 3DTV Conference, 1/01/00. <https://doi.org/10.1109/3DTV.2016.7548953>

Iosifidis, A & Gabbouj, M 2016, 'Nyström-based approximate kernel subspace learning', *Pattern Recognition*, pp. 190-197. <https://doi.org/10.1016/j.patcog.2016.03.018>

Nanni, L, Lumini, A, dos Santos, FLC, Paci, M & Hyttinen, J 2016, 'Ensembles of dense and dense sampling descriptors for the HEp-2 cells classification problem', *Pattern Recognition Letters*, vol. 82, pp. 28-35. <https://doi.org/10.1016/j.patrec.2016.01.026>

Babahajiani, P, Fan, L, Kämäräinen, J-K & Gabbouj, M 2017, 'Urban 3D segmentation and modelling from street view images and LiDAR point clouds', *Machine Vision and Applications*, vol. 28, no. 7, pp. 679–694. <https://doi.org/10.1007/s00138-017-0845-3>

Li, L, Fanni, T, Viitanen, T, Xie, R, Palumbo, F, Raffo, L, Huttunen, H, Takala, J & Bhattacharyya, SS 2017, Low power design methodology for signal processing systems using lightweight dataflow techniques. in *DASIP 2016 - Proceedings of the 2016 Conference on Design and Architectures for Signal and Image Processing*. IEEE COMPUTER SOCIETY PRESS, pp. 82-89, Conference on Design and Architectures for Signal and Image Processing, 1/01/00. <https://doi.org/10.1109/DASIP.2016.7853801>

Kara, PA, Kovacs, PT, Vagharshakyan, S, Martini, MG, Barsi, A, Balogh, T, Chuchvara, A & Chehaibi, A 2017, The Effect of Light Field Reconstruction and Angular Resolution Reduction on the Quality of Experience. in *2016 12th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS)*. IEEE, pp. 781-786, INTERNATIONAL CONFERENCE ON SIGNAL-IMAGE TECHNOLOGY AND INTERNET-BASED SYSTEMS, 1/01/00. <https://doi.org/10.1109/SITIS.2016.128>

Bahrudeen, MNM, Startceva, S & Ribeiro, AS 2017, Effects of extrinsic noise are promoter kinetics dependent. in *Proceedings of the 2017 9th International Conference on Bioinformatics and Biomedical Technology, ICBBT 2017*. ACM, pp. 44-47, International Conference on Bioinformatics and Biomedical Technology, 1/01/00. <https://doi.org/10.1145/3093293.3093295>

Taibi, D, Lenarduzzi, V, Pahl, C & Janes, A 2017, Microservices in agile software development: A workshop-based study into issues, advantages, and disadvantages. in *Proceedings of the XP2017 Scientific Workshops, XP 2017*. vol. Part F129907, a23, Association for Computing Machinery, 2017 XP Scientific Workshops, XP 2017, Cologne, Germany, 22/05/17. <https://doi.org/10.1145/3120459.3120483>

Taibi, D, Lenarduzzi, V, Ahmad, MO & Liukkunen, K 2017, Comparing communication effort within the scrum, scrum with Kanban, XP, and Banana development processes. in *Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017*. vol. Part F128635, Association for Computing Machinery, pp. 258-263, 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017, Karlskrona, Sweden, 15/06/17. <https://doi.org/10.1145/3084226.3084270>

Taibi, D, Lenarduzzi, V, Diebold, P & Lunesu, I 2017, Operationalizing the experience factory for effort estimation in agile processes. in *Proceedings of the 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017*. vol. Part F128635, Association for Computing Machinery, pp. 31-40, 21st International Conference on Evaluation and Assessment in Software Engineering, EASE 2017, Karlskrona, Sweden, 15/06/17. <https://doi.org/10.1145/3084226.3084240>

Mitchell, R & Olsson, T 2017, Barriers for bridging interpersonal gaps: Three inspirational design patterns for increasing collocated social interaction. in *C&T 2017 - 8th International Conference on Communities and Technologies, Conference Proceedings*. ACM, pp. 2-10, INTERNATIONAL CONFERENCE ON COMMUNITIES AND TECHNOLOGIES, 1/01/00. <https://doi.org/10.1145/3083671.3083697>

Ito, I & Egiazarian, K 2017, Full search equivalent fast block matching using orthonormal tree-structured haar transform. in *ISPA 2017 - 10th International Symposium on Image and Signal Processing and Analysis*. IEEE COMPUTER SOCIETY PRESS, pp. 177-182, International Symposium on Image and Signal Processing and Analysis, 1/01/00. <https://doi.org/10.1109/ISPA.2017.8073591>

Curcio, IDD, Toukoma, H & Naik, D 2017, Bandwidth reduction of omnidirectional viewport-dependent video streaming via subjective quality assessment. in *AltMM 2017 - Proceedings of the 2nd International Workshop on Multimedia Alternate Realities, co-located with MM 2017*. ACM, pp. 9-14, ACM International Workshop on Multimedia Alternate Realities, 1/01/00. <https://doi.org/10.1145/3132361.3132364>

Iosifidis, A, Tefas, A, Pitas, I & Gabbouj, M 2017, 'Big Media Data Analysis', *Signal Processing: Image Communication*, vol. 59, pp. 105-108. <https://doi.org/10.1016/j.image.2017.10.004>

Jisha, CP & Alberucci, A 2017, 'Paraxial light beams in structured anisotropic media', *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, vol. 34, no. 11, pp. 2019-2024. <https://doi.org/10.1364/JOSAA.34.002019>

Bezzateev, S, Afanasyeva, A, Voloshina, N & Ometov, A 2017, Multi-factor authentication for wearables: Configuring system parameters with risk function. in *Proceedings of the 2nd International Conference on Advanced Wireless Information, Data, and Communication Technologies, AWICT 2017*. ACM, International Conference on Advanced Wireless Information, Data, and Communication Technologies, Paris, France, 13/11/17. <https://doi.org/10.1145/3231830.3231834>

Thanh Tran, D, Gabbouj, M & Iosifidis, A 2017, 'Multilinear class-specific discriminant analysis', *Pattern Recognition Letters*, vol. 100, pp. 131-136. <https://doi.org/10.1016/j.patrec.2017.10.027>

Katkovnik, V, Ponomarenko, M & Egiazarian, K 2017, 'Sparse approximations in complex domain based on BM3D modeling', *Signal Processing*, vol. 141, pp. 96-108. <https://doi.org/10.1016/j.sigpro.2017.05.032>

Fakour-Sevom, V, Guldogan, E & Kämäräinen, J-K 2018, 360 panorama super-resolution using deep convolutional networks. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 4, SCITEPRESS, pp. 159-165, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006618901590165>

Chen, K & Zhang, Z 2018, 'A Primal Neural Network for Online Equality-Constrained Quadratic Programming', *Cognitive Computation*, vol. 10, no. 2, pp. 381-388. <https://doi.org/10.1007/s12559-017-9510-4>

Kart, U, Kämäräinen, JK, Fan, L & Gabbouj, M 2018, Evaluation of visual object trackers on equirectangular panorama. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 25-32, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006526200250032>

Yancheshmeh, FS, Chen, K & Kämäräinen, J-K 2018, Hierarchical deformable part models for heads and tails. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 45-55, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006532700450055>

Rubel, O, Lukin, V, Abramov, S, Vozel, B, Pogrebnjak, O & Egiazarian, K 2018, 'Is Texture Denoising Efficiency Predictable?', *International Journal of Pattern Recognition and Artificial Intelligence*, vol. 32, no. 1, 1860005. <https://doi.org/10.1142/S0218001418600054>

Ainasoja, AE, Hietanen, A, Lankinen, J & Kämäräinen, J-K 2018, Keyframe-based video summarization with human in the loop. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications* . vol. 4, SCITEPRESS, pp. 287-296, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006619202870296>

Azzari, L, Borges, LR & Foi, A 2018, Modeling and estimation of signal-dependent and correlated noise. in *Denoising of Photographic Images and Video: Fundamentals, Open Challenges and New Trends*. Advances in Computer Vision and Pattern Recognition, SPRINGER-VERLAG LONDON LTD, pp. 1-36. https://doi.org/10.1007/978-3-319-96029-6_1

Yuan, J, Gao, K, Zhu, P & Egiazarian, K 2018, 'Multi-view predictive latent space learning', *Pattern Recognition Letters*. <https://doi.org/10.1016/j.patrec.2018.06.022>

Aytekin, C, Iosifidis, A & Gabbouj, M 2018, 'Probabilistic saliency estimation', *Pattern Recognition*, vol. 74, pp. 359-372. <https://doi.org/10.1016/j.patcog.2017.09.023>

Linna, M, Kannala, J & Rahtu, E 2018, Real-time human pose estimation with convolutional neural networks. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. vol. 5, SCITEPRESS, pp. 335-342, INTERNATIONAL CONFERENCE ON COMPUTER VISION THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006624403350342>

Viitanen, T, Koskela, M, Immonen, K, Mäkitalo, M, Jääskeläinen, P & Takala, J 2018, Sparse sampling for real-time ray tracing. in *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications* . vol. 1, SCITEPRESS, pp. 295-302, INTERNATIONAL CONFERENCE ON COMPUTER GRAPHICS THEORY AND APPLICATIONS, 1/01/00. <https://doi.org/10.5220/0006655802950302>

Valkonen, M, Kartasalo, K, Liimatainen, K, Nykter, M, Latonen, L & Ruusuvoori, P 2018, Dual Structured Convolutional Neural Network with Feature Augmentation for Quantitative Characterization of Tissue Histology. in *2017 IEEE International Conference on Computer Vision Workshops, ICCVW 2017*. IEEE, pp. 27-35, IEEE International Conference on Computer Vision Workshops, 1/01/00. <https://doi.org/10.1109/ICCVW.2017.10>

Melekhov, I, Ylioinas, J, Kannala, J & Rahtu, E 2018, Image-Based Localization Using Hourglass Networks. in *2017 IEEE International Conference on Computer Vision Workshops, ICCVW 2017*. IEEE, pp. 870-877, IEEE International Conference on Computer Vision Workshops, 1/01/00. <https://doi.org/10.1109/ICCVW.2017.107>

Lilja, KK & Palomäki, J 2018, The use of advanced imaging technology in welfare technology solutions - Some ethical aspects. in *3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media*. IEEE, pp. 1-4, 3DTV Conference, United States, 1/01/00. <https://doi.org/10.1109/3DTV.2017.8280396>

Ghaznavi-Youvalari, R, Hannuksela, MM, Aminlou, A & Gabbouj, M 2018, Viewport-dependent delivery schemes for stereoscopic panoramic video. in *3DTV-CON 2017 - 3D True Vision v2: Research and Applications in Future 3D Media*. IEEE, pp. 1-4, 3DTV Conference, United States, 1/01/00. <https://doi.org/10.1109/3DTV.2017.8280404>

Aytekin, C, Nikkanen, J & Gabbouj, M 2018, Deep multiresolution color constancy. in *2017 IEEE International Conference on Image Processing, ICIP 2017 - Proceedings*. IEEE COMPUTER SOCIETY PRESS, pp. 3735-3739, IEEE International Conference on Image Processing, 1/01/00. <https://doi.org/10.1109/ICIP.2017.8296980>

Solin, A, Cortés, S, Rahtu, E & Kannala, J 2018, PIVO: Probabilistic inertial-visual odometry for occlusion-robust navigation. in *Proceedings - 2018 IEEE Winter Conference on Applications of Computer Vision, WACV 2018*. IEEE, pp. 616-625, IEEE Winter Conference on Applications of Computer Vision, Lake Tahoe, United States, 12/03/18. <https://doi.org/10.1109/WACV.2018.00073>

Ylinen, M & Pekkola, S 2018, Looking for a five-legged sheep: Identifying enterprise architects' skills and competencies. in *Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age, DG.O 2018*., a58, ACM, Annual International Conference on Digital Government Research, 1/01/00. <https://doi.org/10.1145/3209281.3209353>

Sjöblom, M, Hassan, L, Macey, J, Törhönen, M & Hamari, J 2018, Liking the game: How can spectating motivations influence social media usage at live esports events? in *Proceedings of the 9th International Conference on Social Media and Society, SMSociety 2018*. ACM, pp. 160-167, International Conference on Social Media and Society, Copenhagen, Denmark, 18/07/18. <https://doi.org/10.1145/3217804.3217908>

Solin, A, Cortes, S, Rahtu, E & Kannala, J 2018, Inertial Odometry on Handheld Smartphones. in *2018 21st International Conference on Information Fusion, FUSION 2018.*, 8455482, IEEE, pp. 1361-1368, International Conference on Information Fusion, Cambridge, United Kingdom, 10/07/18. <https://doi.org/10.23919/ICIF.2018.8455482>

Rastorgueva-Foi, E, Costa, M, Koivisto, M, Leppänen, K & Valkama, M 2018, User Positioning in mmW 5G Networks Using Beam-RSRP Measurements and Kalman Filtering. in *2018 21st International Conference on Information Fusion, FUSION 2018.*, 8455289, IEEE, pp. 1150-1156, International conference on information fusion, 10/07/18. <https://doi.org/10.23919/ICIF.2018.8455289>

Obaid, M, Kaipainen, K, Ocnarescu, I & Ahtinen, A 2018, Designing for experiences with socially interactive robots. in *NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction*. ACM, pp. 948-951, Nordic Conference on Human-Computer Interaction, Oslo, Norway, 29/09/18. <https://doi.org/10.1145/3240167.3240257>

Aspling, F, Juhlin, O & Vääätäjä, H 2018, Understanding animals: A critical challenge in ACI. in *NordiCHI 2018: Revisiting the Life Cycle - Proceedings of the 10th Nordic Conference on Human-Computer Interaction*. ACM, pp. 148-160, Nordic Conference on Human-Computer Interaction, Oslo, Norway, 29/09/18. <https://doi.org/10.1145/3240167.3240226>

Mäkinen, J, Sahin, E & Gotchev, A 2018, Analysis of accommodation cues in holographic stereograms. in *2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018.*, 8478586, IEEE, 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, Helsinki, Finland, 3/06/18. <https://doi.org/10.1109/3DTV.2018.8478586>

Raitoharju, J, Riabchenko, E, Ahmad, I, Iosifidis, A, Gabbouj, M, Kiranyaz, S, Tirronen, V, Ärje, J, Kärkkäinen, S & Meissner, K 2018, 'Benchmark database for fine-grained image classification of benthic macroinvertebrates', *Image and Vision Computing*, vol. 78, pp. 73-83. <https://doi.org/10.1016/j.imavis.2018.06.005>

Akpınar, U, Sahin, E & Gotchev, A 2018, Viewing simulation of integral imaging display based on wave optics. in *2018 - 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, 3DTV-CON 2018.*, 8478568, IEEE, 3DTV-Conference: The True Vision - Capture, Transmission and Display of 3D Video, Helsinki, Finland, 3/06/18. <https://doi.org/10.1109/3DTV.2018.8478568>

Salminen, K, Rantala, J, Isokoski, P, Lehtonen, M, Müller, P, Karjalainen, M, Väliäho, J, Kontunen, A, Nieminen, V, Leivo, J, Telembeci, AA, Lekkala, J, Kallio, P & Surakka, V 2018, Olfactory display prototype for presenting and sensing authentic and synthetic odors. in *ICMI 2018 - Proceedings of the 2018 International Conference on Multimodal Interaction*. ACM, pp. 73-77, ACM International Conference on Multimodal Interaction, Boulder, United States, 16/10/18. <https://doi.org/10.1145/3242969.3242999>

Varsaluoma, J, Vääätäjä, H, Heimonen, T, Tiitinen, K, Hakulinen, J, Turunen, M & Nieminen, H 2018, Guidelines for development and evaluation of usage data analytics tools for human-machine interactions with industrial manufacturing systems. in *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM, pp. 172-181, International Academic Mindtrek Conference, Tampere, Finland, 10/10/18. <https://doi.org/10.1145/3275116.3275138>

Kelling, C, Karhu, J, Kauhanen, O, Turunen, M, Vääätäjä, H & Lindqvist, V 2018, Implications of audio and narration in the user experience design of virtual reality. in *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM, pp. 258-261, International Academic Mindtrek Conference, Tampere, Finland, 10/10/18. <https://doi.org/10.1145/3275116.3275153>

Ratia, M, Myllärniemi, J & Helander, N 2018, Robotic process automation - Creating value by digitalizing work in the private healthcare? in *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM, pp. 222-227, International Academic Mindtrek Conference, Tampere, Finland, 10/10/18. <https://doi.org/10.1145/3275116.3275129>

Luoto, A 2018, Systematic literature review on user logging in virtual reality. in *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM, pp. 110-117, International Academic Mindtrek Conference, Tampere, Finland, 10/10/18. <https://doi.org/10.1145/3275116.3275123>

Burova, A, Kelling, C, Hakulinen, J, Kallioniemi, P, Keskinen, T, Turunen, M & Väättäjä, H 2018, The Finnish you – An interactive storytelling application for an airport environment. in *Mindtrek 2018 - Proceedings of the 22nd International Academic Mindtrek Conference*. ACM, pp. 182-191, International Academic Mindtrek Conference, Tampere, Finland, 10/10/18. <https://doi.org/10.1145/3275116.3275142>

Tripathy, SR, Chakravarty, K & Sinha, A 2018, Eigen Posture Based Fall Risk Assessment System Using Kinect. in *40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2018*. vol. 2018-July, 8513263, IEEE, pp. 1-4, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Honolulu, United States, 18/07/18. <https://doi.org/10.1109/EMBC.2018.8513263>

Mehrang, S, Jauhainen, M, Pietilä, J, Puustinen, J, Ruokolainen, J & Nieminen, H 2018, Identification of Parkinson's Disease Utilizing a Single Self-recorded 20-step Walking Test Acquired by Smartphone's Inertial Measurement Unit. in *40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2018*. vol. 2018-July, 8512921, Institute of Electrical and Electronics Engineers Inc., pp. 2913-2916, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 18/07/18. <https://doi.org/10.1109/EMBC.2018.8512921>

Tarniceriu, A, Harju, J, Yousefi, ZR, Vehkaoja, A, Parak, J, Yli-Hankala, A & Korhonen, I 2018, The Accuracy of Atrial Fibrillation Detection from Wrist Photoplethysmography. A Study on Post-Operative Patients. in *40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2018*. vol. 2018-July, 8513197, IEEE, pp. 4844-4847, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 18/07/18. <https://doi.org/10.1109/EMBC.2018.8513197>

Niemi, J & Tanttu, J 2018, 'Deep Learning Case Study for Automatic Bird Identification', *Applied Sciences (Switzerland)*, vol. 8, no. 11, 2089. <https://doi.org/10.3390/app8112089>

Muravev, A, Raitoharju, J & Gabbouj, M 2018, On the Layer Selection in Small-Scale Deep Networks. in *2018 7th European Workshop on Visual Information Processing (EUVIP)*. IEEE, European Workshop on Visual Information Processing, 1/01/00. <https://doi.org/10.1109/EUVIP.2018.8611738>

Sapio, A, Bhattacharyya, SS & Wolf, M 2018, Efficient Solving of Markov Decision Processes on GPUs Using Parallelized Sparse Matrices. in *2018 Conference on Design and Architectures for Signal and Image Processing, DASIP 2018*. Conference on Design and Architectures for Signal and Image Processing, DASIP, IEEE COMPUTER SOCIETY PRESS, pp. 13-18, Conference on Design and Architectures for Signal and Image Processing, Porto, Portugal, 10/10/18. <https://doi.org/10.1109/DASIP.2018.8596969>

Luoto, A 2019, Log analysis of 360-degree video users via MQTT. in *ICGDA 2019: Proceedings of the 2019 2nd International Conference on Geoinformatics and Data Analysis*. ACM, pp. 130-137, International Conference on Geoinformatics and Data Analysis, Prague, Czech Republic, 15/03/19. <https://doi.org/10.1145/3318236.3318248>

Qian, Y, Pertuz, S, Nikkanen, J, Kämäräinen, J-K & Matas, J 2019, Revisiting gray pixel for statistical illumination estimation. in A Kerren, C Hurter & J Braz (eds), *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS, pp. 36-46, International Conference on Computer Vision Theory and Applications, Prague, Czech Republic, 25/02/19. <https://doi.org/10.5220/0007406900360046>

Ainasoja, AE, Pertuz, S & Kämäräinen, J-K 2019, Smartphone teleoperation for self-balancing telepresence robots. in A Kerren, C Hurter & J Braz (eds), *VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS, pp. 561-568, International Conference

on Computer Vision Theory and Applications, Prague, Czech Republic, 25/02/19.
<https://doi.org/10.5220/0007406405610568>

Cai, D, Chen, K, Qian, Y & Kämäräinen, J-K 2019, 'Convolutional low-resolution fine-grained classification', *Pattern Recognition Letters*, vol. 119, pp. 166-171. <https://doi.org/10.1016/j.patrec.2017.10.020>

Melekhov, I, Tiulpin, A, Sattler, T, Pollefeys, M, Rahtu, E & Kannala, J 2019, DGC-Net: Dense geometric correspondence network. in *2019 IEEE Winter Conference on Applications of Computer Vision, WACV 2019*. IEEE Winter Conference on Applications of Computer Vision, IEEE, pp. 1034-1042, IEEE Winter Conference on Applications of Computer Vision, Waikoloa Village, United States, 7/01/19. <https://doi.org/10.1109/WACV.2019.00115>

Tavakoli, HR, Rahtu, E, Kannala, J & Borji, A 2019, Digging deeper into egocentric gaze prediction. in *2019 IEEE Winter Conference on Applications of Computer Vision, WACV 2019*. IEEE Winter Conference on Applications of Computer Vision, IEEE, pp. 273-282, IEEE Winter Conference on Applications of Computer Vision, Waikoloa Village, United States, 7/01/19. <https://doi.org/10.1109/WACV.2019.00035>

Mitchell, R & Olsson, T 2019, Facilitating the first move: Exploring inspirational design patterns for aiding initiation of social encounters. in H Tellioglu & F Cech (eds), *C&T 2019 - 9th International Conference on Communities and Technologies, Conference Proceedings*. ACM, pp. 283-294, International Conference on Communities and Technologies, Vienna, Austria, 3/06/19. <https://doi.org/10.1145/3328320.3328396>

Rusu, C & Astola, J 2019, Input magnitude data setting in error-reduction algorithm for one-dimensional discrete phase retrieval problem. in *ISSCS 2019 - International Symposium on Signals, Circuits and Systems.*, 8801743, IEEE, International Symposium on Signals, Circuits and Systems, Iasi, Romania, 11/07/19.
<https://doi.org/10.1109/ISSCS.2019.8801743>

Gao, Y, Koch, R, Bregovic, R & Gotchev, A 2019, Light field reconstruction using shearlet transform in tensorflow. in *2019 IEEE International Conference on Multimedia and Expo Workshops, ICMEW 2019*. IEEE, IEEE International Conference on Multimedia and Expo Workshops, Shanghai, China, 8/07/19. <https://doi.org/10.1109/ICMEW.2019.00116>

Holm, J, Väänänen, K & Remans, MMR 2019, User Experience Study of 360° Music Videos on Computer Monitor and Virtual Reality Goggles. in E Banissi, A Ursyn, MW McK, Bannatyne, N Datia, JM Pires, R Francese, M Sarfraz, TG Wyeld, F Bouali, G Venturin, H Azzag, M Lebbah, M Trutschl, U Cvek, H Muller, M Nakayama, S Kernbach, L Caruccio, M Risi, U Erra, A Vitiello & V Rossano (eds), *Information Visualization - Biomedical Visualization and Geometric Modelling and Imaging, IV 2019*. Proceedings of the International Conference on Information Visualisation, IEEE, pp. 81-87, International Conference on Information Visualisation, Paris, France, 2/07/19. <https://doi.org/10.1109/IV.2019.00023>

Zare, M, Huova, M, Visa, A & Launis, S 2019, Real-time online drilling vibration analysis using data mining. in *Proceedings of the 2019 2nd International Conference on Data Science and Information Technology, DSIT 2019*. ACM, pp. 175-180, International Conference on Data Science and Information Technology, Seoul, Korea, Republic of, 19/07/19. <https://doi.org/10.1145/3352411.3352439>

Yang, D, Qian, Y, Cai, D, Yan, S, Kämäräinen, J-K & Chen, K 2019, Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation. in *9th International Conference on Information Science and Technology, ICIST 2019*. IEEE, pp. 65-70, IEEE International Conference on Information Science and Technology, Hulunbuir, China, 2/08/19.
<https://doi.org/10.1109/ICIST.2019.8836907>

Lu, C, Peltonen, J & Nummenmaa, T 2019, Game postmortems vs. developer Reddit AMAs: Computational analysis of developer communication. in F Khosmood, J Pirker, T Apperley & S Deterding (eds), *Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019.*, 22, ACM, International Conference on the Foundations of Digital Games, San Luis Obispo, United States, 26/08/19. <https://doi.org/10.1145/3337722.3337727>

Nummenmaa, T & Kankainen, V 2019, Social features in hybrid board game marketing material. in F Khosmood, J Pirker, T Apperley & S Deterding (eds), *Proceedings of the 14th International Conference on the Foundations of Digital Games, FDG 2019.*, 67, ACM, International Conference on the Foundations of Digital Games, San Luis Obispo, United States, 26/08/19. <https://doi.org/10.1145/3337722.3341864>

Fu, J, Pertuz, S, Matas, J & Kämäräinen, J-K 2019, 'Performance analysis of single-query 6-DoF camera pose estimation in self-driving setups', *Computer Vision and Image Understanding*, vol. 186, pp. 58-73. <https://doi.org/10.1016/j.cviu.2019.04.009>

Räsänen, O, Seshadri, S, Karadayi, J, Riebling, E, Bunce, J, Cristia, A, Metze, F, Casillas, M, Rosemberg, C, Bergelson, E & Soderstrom, M 2019, 'Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech', *Speech Communication*, vol. 113, pp. 63-80. <https://doi.org/10.1016/j.specom.2019.08.005>

Qian, Y, Chen, K & Yu, H 2019, Fast fourier color constancy and grayness index for ISPA illumination estimation challenge. in S Loncaric, R Bregovic, M Carli & M Subasic (eds), *ISPA 2019 - 11th International Symposium on Image and Signal Processing and Analysis*. International Symposium on Image and Signal Processing and Analysis, ISPA, vol. 2019-September, IEEE, pp. 352-354, International Symposium on Image and Signal Processing and Analysis, Dubrovnik, Croatia, 23/09/19. <https://doi.org/10.1109/ISPA.2019.8868451>

Burova, A, Kelling, C, Keskinen, T, Hakulinen, J, Kallioniemi, P, Väättäjä, H & Turunen, M 2019, Promoting local culture and enriching airport experiences through interactive storytelling. in G Jacucci, F Paterno, M Rohs & C Santoro (eds), *MUM 2019 - 18th International Conference on Mobile and Ubiquitous Multimedia, Proceedings.*, 3365640, ACM International Conference Proceeding Series, Association for Computing Machinery, International Conference on Mobile and Ubiquitous Multimedia, Pisa, Italy, 26/11/19. <https://doi.org/10.1145/3365610.3365640>

Hassan, SS, Huttunen, H, Niemi, J & Tohka, J 2019, 'Bayesian receiver operating characteristic metric for linear classifiers', *Pattern Recognition Letters*, vol. 128, pp. 52-59. <https://doi.org/10.1016/j.patrec.2019.07.016>

Yan, S, Wirta, J & Kämäräinen, J-K 2020, 'Anthropometric clothing measurements from 3D body scans', *Machine Vision and Applications*, vol. 31, no. 1-2, 7. <https://doi.org/10.1007/s00138-019-01054-4>

Belyaev, E, Codreanu, M, Juntti, M & Egiazarian, K 2020, 'Compressive sensed video recovery via iterative thresholding with random transforms', *IET Image Processing*, vol. 14, no. 6, pp. 1187-1200. <https://doi.org/10.1049/iet-ipr.2019.0661>

Zou, N, Zhang, H, Cricri, F, Tavakoli, HR, Lainema, J, Aksu, E, Hannuksela, M & Rahtu, E 2020, End-to-end learning for video frame compression with self-attention. in *Proceedings - 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, CVPRW 2020*. IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops, IEEE, pp. 580-584, IEEE Computer Society Conference on Computer Vision and Pattern Recognition workshops, Virtual, Online, United States, 14/06/20. <https://doi.org/10.1109/CVPRW50498.2020.00079>

Iashin, V & Rahtu, E 2020, Multi-modal dense video captioning. in *Proceedings - 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops, CVPRW 2020*. IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops, IEEE, pp. 4117-4126, IEEE Computer Society Conference on Computer Vision and Pattern Recognition workshops, Virtual, Online, United States, 14/06/20. <https://doi.org/10.1109/CVPRW50498.2020.00487>

Sohrab, F, Raitoharju, J, Iosifidis, A & Gabbouj, M 2020, 'Multimodal subspace support vector data description', *Pattern Recognition*, vol. 110, 107648. <https://doi.org/10.1016/j.patcog.2020.107648>

Lauri, M, Pajarinen, J, Peters, J & Frintrop, S 2020, 'Multi-sensor next-best-view planning as matroid-constrained submodular maximization', *IEEE Robotics and Automation Letters*, vol. 5, no. 4, pp. 5323-5330. <https://doi.org/10.1109/LRA.2020.3007445>

Genocchi, B, Cunha, A, Jain, S, Hyttinen, J, Lenk, K & Ellingsrud, AJ 2020, Parametric exploration of cellular swelling in a computational model of cortical spreading depression. in *42nd Annual International Conferences of the IEEE Engineering in Medicine and Biology Society: Enabling Innovative Technologies for Global Healthcare, EMBC 2020*. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, vol. 2020-July, IEEE, pp. 2491-2495, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Montreal, Canada, 20/07/20. <https://doi.org/10.1109/EMBC44109.2020.9175306>

Pajarinen, J, Arenz, O, Peters, J & Neumann, G 2020, 'Probabilistic approach to physical object disentangling', *IEEE Robotics and Automation Letters*, vol. 5, no. 4, pp. 5510-5517. <https://doi.org/10.1109/LRA.2020.3006789>

Holm, J, Väänänen, K & Battah, A 2020, User experience of stereo and spatial audio in 360° live music videos. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 134-141, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377291>

Li, X & Zhang, B 2020, A preliminary network analysis on steam game tags: Another way of understanding game genres. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 29-30, 2020, Tampere, Finland*. ACM, pp. 65-73, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377300>

Beheshtian, N, Kaipainen, K, Kähkönen, K & Ahtinen, A 2020, Color game: A collaborative social robotic game for icebreaking; Towards the design of robotic ambiances as part of smart building services. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 10-19, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377292>

Korkeila, H, Koivisto, J & Hamari, J 2020, Demographic differences in accumulated types of capital in massively multiplayer online role-playing games. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 74-82, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377302>

Jokiniemi, S, Myllärniemi, J, Poranen, T & Vuorenmaa, M 2020, Innovation challenges as a novel multidisciplinary learning platform. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 145-148, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377311>

Bujic, M & Hamari, J 2020, Satisfaction and willingness to consume immersive journalism: Experiment of differences between VR, 360 video, and article. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 120-125, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377310>

Niemelä, M, Ahtinen, A & Turunen, M 2020, Social human-robot interaction in the wild: A workshop proposal for academic mindtrek 2020. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 168-169, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377320>

Chowdhury, A, Ahtinen, A & Kaipainen, K 2020, "The superhero of the university": Experience-driven design and field study of the university guidance robot. in *AcademicMindtrek 2020 - Proceedings of the 23rd International Academic Mindtrek Conference: January 2020, Tampere*. ACM, pp. 1-9, Academic MindTrek Conference, Tampere, Finland, 29/01/20. <https://doi.org/10.1145/3377290.3377304>

Tavakoli, HR, Borji, A, Kannala, J & Rahtu, E 2020, Deep audio-visual saliency: Baseline model and data. in SN Spencer (ed.), *Proceedings ETRA 2020 Short Papers - ACM Symposium on Eye Tracking Research and Applications, ETRA 2020*, 3, ACM, ACM Symposium on Eye Tracking Research and Applications, Stuttgart, Germany, 2/06/20. <https://doi.org/10.1145/3379156.3391337>

Raitoharju, M, García-Fernández, F, Hostettler, R, Piché, R & Särkkä, S 2020, 'Gaussian mixture models for signal mapping and positioning', *Signal Processing*, vol. 168, 107330. <https://doi.org/10.1016/j.sigpro.2019.107330>

Tripathy, S, Kannala, J & Rahtu, E 2020, ICface: Interpretable and controllable face reenactment using GANs. in *2020 IEEE Winter Conference on Applications of Computer Vision, WACV 2020*. IEEE Winter Conference on Applications of Computer Vision, IEEE, pp. 3374-3383, IEEE/CVF Winter Conference on Applications of Computer Vision, Snowmass Village, United States, 1/03/20. <https://doi.org/10.1109/WACV45572.2020.9093474>

Netzev, M, Angleraud, A & Pieters, R 2020, 'Soft robotic gripper with compliant cell stacks for industrial part handling', *IEEE Robotics and Automation Letters*, vol. 5, no. 4, pp. 6821-6828. <https://doi.org/10.1109/LRA.2020.3020546>