

Michael Cohen's Publications

Many of these publications are also indexed through these publication catalogs (indices):

ACM Digital Library

http://dl.acm.org/author_page.cfm?id=81406592137

Google Scholar

<http://scholar.google.com/citations?user=8c0Tem0AAAAJ>

Microsoft Academic

<https://preview.academic.microsoft.com/#/detail/2407813466>

ResearchGate

http://www.researchgate.net/profile/Michael_Cohen11

Academia (currently diluted with many wrongly attributed "false hits")

<https://u-aizu.academia.edu/MichaelCohen>

1 Dissertation

- [1] Michael Cohen. "Multidimensional Audio Windows: Extending User Interfaces through the Use of Spatial Auditory Information". PhD thesis. Northwestern University, Dec. 1990.

2 Refereed Journal Articles

- [1] Bektur Ryskeldiev, Michael Cohen, and Jens Herder. "StreamSpace: Pervasive Mixed Reality Telepresence for Remote Collaboration on Mobile Devices". In: *J. of Information Processing* 26.1 (Feb. 2018), pp. 177–185. DOI: 10.2197/ipsjjip.26.177. URL: www.jstage.jst.go.jp/article/ipsjjip/26/0/26_177/_article/.
- [2] Michael Cohen, Rasika Ranaweera, Bektur Ryskeldiev, Tomohiro Oyama, and Aya Hashimoto. "'Twhirleds': Spun and whirled affordances controlling multimodal mobile-ambient environments with reality distortion and synchronized lighting to preserve intuitive alignment". In: *ScPA: Scientific Phone Apps and Mobile Devices* 3.5 (Sept. 2017). Ed. by David Philip Lane and Samuel Ken-En Gan, pp. 1–20. ISSN: 2364-4958. DOI: 10.1186/s41070-017-0017-x.

- [3] Rasika Ranaweera and Michael Cohen. “Gestural Interface for Conducting Virtual Concerts”. In: *IEEJ Trans. on Electronics, Information and Systems (C)* 136.11 (2016), 1567–1573. ISSN: 1348-8155 (online), 0385-4221 (print). DOI: 10.1541/ieejeiss.136.1567.
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- [5] Michael Frishkopf, Michael Cohen, and Rasika Ranaweera. “Curating Ethnomusicology in Cyberworlds for Ethnomusicological Research: ‘World Music in Wonderland’”. In: *Ethnologies (Exhibiting Soundscapes; Exposer les paysages sonores)* 37.1 (2015). Ed. by Marcia Ostashewski and Michael Frishkopf, pp. 119–132. ISSN: 1481-5974. DOI: 10.7202/1039658ar. URL: <https://id.erudit.org/iderudit/1039658ar>.
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- [9] Michael Cohen, Rasika Ranaweera, Hayato Ito, Shun Endo, Sascha Holesch, and Julián Villegas. “‘Twin Spin’: Steering Karaoke (or anything else) with Smartphone Wands Deployable as Spinnable Affordances”. In: *MC²R: SIGMOBILE Mobile Computing and Communications Review* 16.4 (Feb. 2013), pp. 4–5. ISSN: 1559-1662. DOI: 10.1145/2436196.2436199.
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3 Invited Journal Articles

- [1] Michael Cohen. “Multimodal Machinema at the University of Aizu”. In: *AIS SIGHCI Newsletter (Assoc. for Information Systems, Special Interest Group on Human-Computer Interaction)* 12.1 (July 2013). Ed. by Gregory Moody, pp. 10–11. URL: <http://sighci.org/uploads/SIGHCI%20Newsletters/AIS%5FSIGHCI%5FNewsletter%5Fv12%5Fn1.pdf#page=10>.
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4 Refereed Conference Papers

- [1] Isuru Jayarathne, Michael Cohen, Michael Frishkopf, and Gregory Mulyk. “Relaxation “sweet spot” exploration in pantophonic musical soundscape using reinforcement learning”. In: *IUI: Intelligent User Interfaces*. Los Angeles, Mar. 2019. URL: <https://iui.acm.org/2019/acceptedpapers.html#posterpaper>.
- [2] Bektur Ryskeldiev, Toshiharu Igarashi, Junjian Zhang, Yoichi Ochiai, Michael Cohen, and Jens Herder. “Spotility: Crowdsourced Telepresence for Social and Collaborative Experiences in Mobile Mixed Reality”. In: *CSCW: Proc. ACM Int. Conf. on Systems, Man, and Cybernetics*. Jersey City, NJ; USA, Nov. 2018. ISBN: 978-1-4503-6018-0/18/11. DOI: 10.1145/3272973.3274100.

- [3] Bektur Ryskeldiev, Michael Cohen, Jens Herder, and Yoichi Ochiai. “ReactSpace: Spatial-Aware User Interactions for Collocated Social Live Streaming Experiences”. In: *SMC: Proc. IEEE Int. Conf. on Systems, Man, and Cybernetics*. Miyazaki, Japan, Oct. 2018, pp. 724–728. DOI: 10.1109/SMC.2018.00132.
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- [10] Michael Cohen. “Demo: Smartphone Rigging with GUI Control Emulation for Freeware Rapid Prototyping of Mixed Virtuality Scenes”. In: *SIGGRAPH Asia Symp. on Mobile Graphics and Interactive Applications*. Macao, Dec. 2016. ISBN: 978-1-4503-4551-4/16/12. DOI: 10.1145/2999508.2999511. URL: <https://dl.acm.org/citation.cfm?id=2999511>.
- [11] Michael Cohen, Yousuke Nagayama, and Bektur Ryskeldiev. “Metering “Black Holes”: Networking Stand-Alone Applications for Distributed Multimodal Synchronization”. In: *Proc. ICMI: ACM Int. Conf. on Multimodal Interaction*. Tokyo, Nov. 2016, 396–397. ISBN: 978-1-4503-4556-9/16/11. DOI: 10.1145/2993148.2998530.

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8 Book Chapters

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