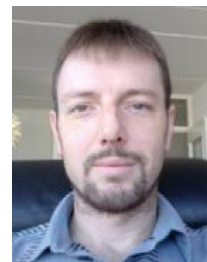


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## Publikationer

### **Dance and Movement-Led Research for Designing and Evaluating Wearable Human-Computer Interfaces**

Otterbein, R., Jochum, E., Overholt, D., Bai, S. & Dalsgaard, A., 22 jun. 2022, *Proceedings of 2022 8th International Conference on Movement and Computing, MOCO 2022: MOCO 2022*. Chicago, IL, USA: Association for Computing Machinery, 14 s. 9. (ACM International Conference Proceeding Series, Bind Par F180475).

### **Designing Interactive Musical Interfaces**

Overholt, D., 18 apr. 2022, *Designing Interactions for Music and Sound*. Filimowicz, M. (red.). Routledge, 29 s.

### **Demos: Støjbox XYZ and Støjbox Spring**

Støjer, B. F. & Overholt, D., 2022, *Proceedings of the 19th Sound and Music Computing Conference, June 5-12th, 2022, Saint-Étienne (France): SMC/JIM/IFC 2022*. Michon, R., Pottier, L. & Orlarey, Y. (red.). Sound and Music Computing Network, s. 702-703 2 s. (Proceedings of the Sound and Music Computing Conference).

### **The Springamajig: A Flexible Digital Musical Instrument**

Rushton, T. & Overholt, D., 2022, *Proceedings of the 19th Sound and Music Computing Conference, June 5-12th, 2022, Saint-Étienne (France): SMC/JIM/IFC 2022*. Michon, R., Pottier, L. & Orlarey, Y. (red.). Sound and Music Computing Network, s. 700-701 2 s. (Proceedings of the Sound and Music Computing Conference).

### **The Teinophon**

Fogadić, L. & Overholt, D., 2022, *Proceedings of the 19th Sound and Music Computing Conference, June 5-12th, 2022, Saint-Étienne (France): SMC/JIM/IFC 2022*. Michon, R., Pottier, L. & Orlarey, Y. (red.). Sound and Music Computing Network, s. 442-445 4 s. (Proceedings of the Sound and Music Computing Conference).

### **Design and evaluation of a digitally active drum**

Williams, P. & Overholt, D., 2021, *I: Personal and Ubiquitous Computing*. 25, s. 783-795 13 s.

### **SQUIDBACK: A DECENTRALIZED GENERATIVE EXPERIENCE, BASED on AUDIO FEEDBACK from A WEB APPLICATION DISTRIBUTED to the AUDIENCE**

Elia, G. & Overholt, D., 2021, *SMC 2021 - Proceedings of the 18th Sound and Music Computing Conference*. Mauro, D. A., Spagnol, S. & Valle, A. (red.). Sound and Music Computing Network, s. 345-351 7 s. (Proceedings of the Sound and Music Computing Conference, Bind 2021-June).

### **AVAI: A tool for expressive music visualization based on autoencoders and constant Q transformation**

Borst Tyroll, S., Overholt, D. & Palamas, G., 20 jun. 2020, *Proceedings of the 17th Sound and Music Computing Conference*. Spagnol, S. & Valle, A. (red.). Axea sas/SMC Network, s. 378-385 8 s. (Proceedings of the Sound and Music Computing Conference).

### **A faust architecture for the ESP32 microcontroller**

Michon, R., Overholt, D., Letz, S., Orlarey, Y., Fober, D. & Dumitrascu, C., jun. 2020, *SMC 2020 - Proceedings of the 17th Sound and Music Computing Conference*. Spagnol, S. & Valle, A. (red.). CERN, s. 76-81 6 s. (Proceedings of the Sound and Music Computing Conferences, Bind 2020-June).

### **ReVoice: a control interface for 1d transmission-line analog vowel synthesis**

Laurent, C. A. J. & Overholt, D., 2020, *Proceedings of the 15th International Audio Mostly Conference, AM 2020*. New York: Association for Computing Machinery, s. 152-159 8 s.

### **Rhythm Rangers: an evaluation of beat synchronisation skills and musical confidence through multiplayer gamification influence**

Kjærbo, R. E. R., Parpal, R. R., Pérez, M. G., Correia, F. M. S. D. A. R., Guruvayurappan, V., Overholt, D. & Dahl, S., 2020, *Proceedings of the 17th Sound and Music Computing Conference*. Spagnol, S. & Valle, A. (red.). Torino: Axegas/SMC Network, s. 220-227 8 s. (Proceedings of the Sound and Music Computing Conference).

### **Shaping the behaviour of feedback instruments with complexity-controlled gain dynamics**

Kiefer, C., Overholt, D. & Eldridge, A., 2020, *Proceedings of the New Interfaces for Musical Expression 2020 conference*. s. 343-348 6 s. (NIME Proceedings).

### **Enhancing the Expressivity of the Sensel Morph via Audio-rate Sensing**

Paisa, R. & Overholt, D., 21 mar. 2019, *Proceedings of the New Interfaces for Musical Expression 2019 conference*. s. 298-302 5 s. (NIME Proceedings).

### **Separating sound from source: sonic transformation of the violin through electrodynamic pickups and acoustic actuation**

Pardue, L. S., Buys, K., Edinger, M., Overholt, D. & McPherson, A., 21 mar. 2019, *Proceedings of the New Interfaces for Musical Expression 2019 conference*. s. 278-283 6 s. (NIME Proceedings).

### **Trækvejret: A Kinetic Device Encouraging Bodily Reflection**

Carpenter, V. J., Sokoler, T., Möbius, N. & Overholt, D., 17 mar. 2019, *TEI 2019 - Proceedings of the 13th International Conference on Tangible, Embedded, and Embodied Interaction*. Association for Computing Machinery, s. 399-406 8 s.

### **Electronic Kintsugi: An Investigation of Everyday Crafted Objects in Tangible Interaction Design**

Carpenter, V. J., Willis, A., Möbius, N. D. & Overholt, D., 1 jan. 2019, *Proceedings of the Future Technologies Conference (FTC) 2018*. Bhatia, R., Arai, K. & Kapoor, S. (red.). Springer, Bind 1. s. 104-121 18 s. (Advances in Intelligent Systems and Computing, Bind 880).

### **Extraction, mapping, and evaluation of expressive acoustic features for adaptive digital audio effects**

Holfelt, J., Csapo, G., Andersson, N., Zabetian, S., Castanieto, M., Overholt, D., Dahl, S. & Erkut, C., 2019, *Proceedings of the 14th Sound and Music Computing Conference 2017, SMC 2017*. Lokki, T., Patynen, J. & Valimäki, V. (red.). Aalto University, s. 328-335 8 s. (Proceedings of the 14th Sound and Music Computing Conference 2017, SMC 2017).

### **Gestural control of wavefield synthesis**

Grani, F., Carlo, D. D., Portillo, J. M., Girardi, M., Paisa, R., Banas, J. S., Vogiatzoglou, I., Overholt, D. & Serafin, S., 2019, *SMC 2016 - 13th Sound and Music Computing Conference, Proceedings*. Grossmann, R. & Hajdu, G. (red.). Zentrum für Mikrotonale Musik und Multimediale Komposition (ZM4), Hochschule für Musik und Theater, s. 185-192 8 s. (SMC 2016 - 13th Sound and Music Computing Conference, Proceedings).

### **Designing for interpersonal connections in future technologies: An annotated portfolio of jewelry devices**

Carpenter, V. & Overholt, D., 1 okt. 2018, *DS 91: Proceedings of NordDesign 2018: Design in the era of digitalization*. Ekströmer, P., Schütte, S. & Ölvander, J. (red.). Linköping, Sweden: Design Society, 14 s.

### **MusicFabrik: A Playable, Portable Speaker**

Carpenter, V. J., Kampmann, B., Stella, A., Maunsbach, M. L. W., Minovski, M. B. & Overholt, D., 29 sep. 2018, *Proceedings of the 10th Nordic Conference on Human-Computer Interaction*. New York, NY, USA: Association for Computing Machinery, s. 701-705 5 s.

### **SketchyTuna: Exploring A Design For Screenless Creativity**

Stella, A., Kampmann, B., Møller, N. V., Minovski, M. B., Maunsbach, M. L. W., Overholt, D. & Carpenter, V., 1 jul. 2018, *Proceedings of the 15th Sound and Music Computing Conference (SMC2018)*. Sound and Music Computing Network, s. 419-426 (Proceedings of the Sound and Music Computing Conference).

### **A Longitudinal Field Trial with a Hemiplegic Guitarist Using The Actuated Guitar**

Larsen, J. V., Knoche, H. & Overholt, D., 2018, *NIME'18*. NIME, (NIME Proceedings).

### **Improving the instrumental learning experience through complexity management**

Pardue, L. S., McPherson, A. & Overholt, D., 2018, *Proceedings of the 15th Sound and Music Computing Conference: Sonic Crossings, SMC 2018*. Georgaki, A. & Andreopoulou, A. (red.). Sound and Music Computing Network, s. 150-157 8 s. (Proceedings of the 15th Sound and Music Computing Conference: Sonic Crossings, SMC 2018).

### **Perceptual Ecologies: MINE**

Overholt, D. & Skouboe, E. B., 2018, *Worldmaking as Techné: Participatory Art, Music and Architecture*. Hong Kong : Riverside Architectural Press, Bind 1. s. 90-113

### **Sketchytuna: Exploring a design for screenless creativity**

Stella, A., Kampmann, B., Møller, N. V., Minovski, M. B., Maunsbach, M., Overholt, D. & Carpenter, V., 2018, *Proceedings of the 15th Sound and Music Computing Conference: Sonic Crossings, SMC 2018*. Georgaki, A. & Andreopoulou, A. (red.). Sound and Music Computing Network, s. 419-426 8 s. (Proceedings of the 15th Sound and Music Computing Conference: Sonic Crossings, SMC 2018).

### **Designing for meaningfulness: A case study of a pregnancy wearable for men**

Carpenter, V. J. & Overholt, D., 10 jun. 2017, *DIS 2017 Companion - Proceedings of the 2017 ACM Conference on Designing Interactive Systems*. Association for Computing Machinery, s. 95-100 6 s.

### **Audio-Visual Feedback for Self-monitoring Posture in Ballet Training**

Knudsen, E. W., Hølleddig, M. L., Bach-Nielsen, S. S., Petersen, R. K., Zanescu, B-C., Nielsen, M. J., Helweg, K., Overholt, D. & Purwins, H., 15 maj 2017, *NIME 2017 Papers and Posters Proceedings*. Copenhagen: New Interfaces for Musical Expression, s. 71-76 (NIME Proceedings, Bind 2017).

### **A Wearable Foot-mounted / Instrument-mounted Effect Controller: Design and Evaluation**

Konovalovs, K., Zovnercuka, J., Adjorlu, A. & Overholt, D., 15 maj 2017, *NIME 2017 Papers and Posters Proceedings*. Copenhagen, Denmark: NIME, s. 354-357 4 s. (NIME Proceedings).

### **bEADS: Extended Actuated Digital Shaker**

Williams, P. L. & Overholt, D., 15 maj 2017, *NIME 2017 Papers and Posters Proceedings*. Copenhagen, Denmark: NIME, s. 13-18 6 s. (NIME Proceedings, Bind 2017).

### **Pitch Fork: A Novel tactile Digital Musical Instrument**

Williams, P. L. & Overholt, D., 15 maj 2017, *NIME 2017 Papers and Posters Proceedings*. Copenhagen, Denmark: NIME, s. 62-64 3 s. (NIME Proceedings, Bind 2017).

### **2005: The Overtone Violin**

Overholt, D., 7 mar. 2017, *A NIME Reader: Fifteen Years of New Interfaces for Musical Expression*. Jensenius, A. R. & Lyons, M. J. (red.). Cham, Switzerland: Springer, s. 223-234 11 s. (Current Research in Systematic Musicology, Bind 3).

### **Extraction, Mapping, and Evaluation of Expressive Acoustic Features for Adaptive Digital Audio Effects**

Holfelt, J., Csapo, G., Andersson, N. S., Zabetian, S., Castanieto, M. A., Overholt, D., Dahl, S. & Erkut, C., 2017, *Proceedings of the 14th Sound and Music Computing Conference 2017*. Lokki, T., Patynen, J. & Valimaki, V. (red.). Aalto University, s. 328-335 8 s. (Proceedings of the Sound and Music Computing Conference).

### **Gestural Control Of Wavefield synthesis**

Grani, F., Di Carlo, D., Portillo, J. M., Girardi, M., Paisa, R., Banas, J. S., Vogiatzoglou, I., Overholt, D. & Serafin, S., aug. 2016, *Sound And Music Computing Conference Proceedings 2016*. Zentrum für Mikrotonale Musik und Multimediale Komposition (ZM4), s. 185-192

### **The Prospects of Musical Instruments For People with Physical Disabilities**

Larsen, J. V., Overholt, D. & Moeslund, T. B., 2016, *New Interfaces for Musical Expression*. New Interfaces for Musical Expression

### **Tromba moderna: A Digitally Augmented Medieval Instrument**

Baldwin, A. D., Hammer, T., Peciulis, E., Williams, P. L., Overholt, D. & Serafin, S., 2016, *New Interfaces for Musical Expression (NIME)*. 6 s.

### **Haptic and Visual feedback in 3D Audio Mixing Interfaces**

Gelineck, S. & Overholt, D., 7 okt. 2015, *Proceedings of the 9th Audio Mostly Conference: A Conference on Interaction With Sound*. Thessaloniki, Greece: Association for Computing Machinery, 6 s. 14

### **Spatial Sound and Multimodal Interaction in Immersive Environments**

Grani, F., Overholt, D., Erkut, C., Gelineck, S., Triantafyllidis, G., Nordahl, R. & Serafin, S., 7 okt. 2015, *Proceedings of the 9th Audio Mostly Conference on Interaction With Sound*. Thessaloniki, Greece: Association for Computing Machinery, 5 s. 17

### **BEAN: A Digital Musical Instrument for use in Music Therapy**

Kirwan, N. J., Overholt, D. & Erkut, C., 1 aug. 2015, *Proceedings of the 12th Int. Conference on Sound and Music Computing Conference (SMC-15)*. Maynooth, Ireland: Music Technology Research Group, Maynooth University, s. 49-54 6 s. 32

### **Design & Evaluation of an Accessible Hybrid Violin Platform**

Overholt, D. & Gelineck, S., 30 jun. 2014, *Proceedings of the International Conference on New Interfaces for Musical Expression*. Caramiaux, B., Tahiroğlu, K., Fiebrink, R. & Tanaka, A. (red.). London: Goldsmiths, University of London, s. 122-125 4 s.

### **Sound and music computing at Aalborg University in Copenhagen**

Serafin, S., Dahl, S., Götzen, A. D., Erkut, C., Overholt, D., Purwins, H. & Sturm, B., 1 jan. 2014, *Proceedings - 40th International Computer Music Conference, ICMC 2014 and 11th Sound and Music Computing Conference, SMC 2014 - Music Technology Meets Philosophy: From Digital Echos to Virtual Ethos*. National and Kapodistrian University of Athens, s. 1818-1821 4 s.

### **Advancements in Violin-Related Human-Computer Interaction**

Overholt, D., 2014, I: *International Journal of Arts and Technology (IJART)*. 7, 2/3, s. 185-206 23 s.

### **Embedded Audio Without Beeps: Synthesis and Sound Effects From Cheap to Steep**

Overholt, D. & Møbius, N. F., 2014, *Proceedings of the 8th International Conference on Tangible, Embedded and Embodied Interaction*. Association for Computing Machinery, s. 361-364 4 s.

### **Exercising the Tibialis Anterior Muscle of Children with Cerebral Palsy for Improved Neuroplasticity using an Electrical Guitar**

Larsen, J. V., Moeslund, T. B. & Overholt, D., 2014, *Replace, Repair, Restore, Relieve – Bridging Clinical and Engineering Solutions in Neurorehabilitation: Proceedings of the 2nd International Conference on NeuroRehabilitation (ICNR2014), Aalborg, 24-26 June, 2014*. Jensen, W., Kæseler Andersen, O. & Akay, M. (red.). Springer Publishing Company, Bind 7. s. 501-505

### **The Actuated Guitar: Implementation and User Test on Children with Hemiplegia**

Larsen, J. V., Overholt, D. & Moeslund, T. B., 2014, *Proceedings of the International Conference on New Interfaces for Musical Expression*. Caramiaux, B., Tahiroglu, K., Fiebrink, R. & Tanaka, A. (red.). Goldsmiths, University of London, s. 60-65 6 s.

### **The Actuated Guitar: A platform enabling alternative interaction methods**

Larsen, J. V., Overholt, D. & Moeslund, T. B., 27 jul. 2013, *Proceedings of the Sound and Music Computing Conference 2013 (SMC 2013)*. Logos Verlag Berlin, s. 235-238 4 s.

### **Towards an Interface for Music Mixing based on Smart Tangibles and Multitouch**

Gelineck, S., Overholt, D., Büchert, M. & Andersen, J., maj 2013, *New Interface for Musical Expression*. Daejeon/Seoul, Korea Republic: Association for Computing Machinery, 6 s.

### **Grafting Acoustic Instruments and Signal Processing: Creative Control and Augmented Expressivity**

Overholt, D. & Freed, A., 2013. 1 s.

### **Investigating the relationship between pressure force and acoustic waveform in footstep sounds**

Grani, F., Serafin, S., Götzen, A. D., Overholt, D. & Topel, S., 2013, *Digital Signal Processing (DSP) 2013*. IEEE, s. 1-5 5 s. (Digital Signal Processing).

### **A System for Sketching in Hardware: Do-It-Yourself Interfaces for Sound and Music Computing**

Overholt, D., 11 jul. 2012, *9TH SOUND AND MUSIC COMPUTING CONFERENCE*. s. 253-257 5 s.

### **Development and Evaluation of a ZigFlea-based Wireless Transceiver Board for CUI32**

Torresen, J., Hauback, Ø., Overholt, D. & Jensenius, A. R., 21 maj 2012, *Proceedings of the International Conference on New Interfaces for Musical Expression: 21 May – 23 May 2012 Ann Arbor, Michigan, USA*. s. 409-412 4 s.

### **Musical Interaction Design with the CUI32Stem: Wireless Options and the GROVE system for prototyping new interfaces**

Overholt, D., 21 maj 2012, *Proceedings of the International Conference on New Interfaces for Musical Expression*. s. 119-122 4 s.

### **Violin-Related HCI: A Taxonomy Elicited by the Musical Interface Technology Design Space**

Overholt, D., 2012, *Arts and Technology: Second International Conference, ArtsIT 2011, Esbjerg, Denmark, December 7-8, 2011, Revised Selected Papers*. Brooks, A. L. (red.). Springer, s. 80-89 10 s. (Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST), Bind 101).

### **Advancements in Actuated Musical Instruments**

Overholt, D., Berdahl, E. & Hamilton, R., 28 jun. 2011, I: *Organised Sound*. 16, 2, s. 154-165 11 s.

### **Proceedings of the International Conference on New Interfaces for Musical Expression: 30 May - 1 June 2011, Oslo, Norway**

Jensenius, A. R. (red.), Tveit, A. (red.), Godøy, R. I. (red.) & Overholt, D. (red.), 30 maj 2011, Oslo, Norway: University of Oslo. 540 s.

### **The Overtone Fiddle: an Actuated Acoustic Instrument**

Overholt, D., 30 maj 2011, *Proceedings of 11th International Conference on New Interfaces for Musical Expression*. Refsum Jensenius, A., Tveit, A., Inge Godøy, R. & Overholt, D. (red.). University of Oslo, s. 4-7 4 s.

### **A novel & affordable interactive floor for educational applications**

Boisen, U., Hansen, A. J., Knudsen, L., Pedersen, S. L. & Overholt, D., 13 apr. 2011, *Proceedings of the CAL 2011 conference - Computer Assisted Learning: Learning Futures: Education, Technology & Sustainability*. Elsevier, 1 s.

### **HSP v2: Haptic Signal Processing with Extensions for Physical Modeling**

Overholt, D., Kontogeorgakopoulos, A. & Berdahl, E., 16 sep. 2010, *Haptic Audio and Interaction Design 2010 Program and Papers: Proceedings of the HAID 2010 conference*. Aalborg Universitet, s. 61-62 2 s.

### **The allobrain: an interactive stereographic, 3d audio immersive virtual world**

Thompson, J., Overholt, D., Kuchera-Morin, J., Novak, M., Putnam, L., Wakefield, G., Wakefield, G. & Smith, W., 29 maj 2009, I: *International Journal of Human-Computer Studies*. 67, 11, s. 934-946 12 s.

### **A Multimodal System for Gesture Recognition in Interactive Music Performance**

Overholt, D., Thompson, J., Putnam, L., Bell, B., Kleban, J., Sturm, B. & Kuchera-Morin, J., 2009, I: *Computer Music Journal*. 33, 4, s. 69-82 14 s.

### **Kinetic Interface**

Overholt, D., Adderton, D. & Kuchera-Morin, J., 2009, Patentnr. US20090303179

### **Musical Applications and Design Techniques for the Gametrak Tethered Spatial Position Controller**

Freed, A., Overholt, D., Hansen, A-M., McCutchen, D., Schmeder, A., Burleson, W., Nøregaard Jensen, C. & Mesker, A., 2009, *Proceedings of the 6th Sound and Music Computing Conference*. Gouyon, F., Barbosa, Á. & Serra, X. (red.). 6 s.

### **Pendaphonics: A Tangible Pendulum-based Sonic Interaction Experience**

Overholt, D., Hansen, A-M. S., Burleson, W. & Jensen, C., 2009, *Proceedings of the 3rd International Conference on Tangible and Embedded Interaction*. Association for Computing Machinery, s. 153-160 7 s.

### **Pendaphonics: an engaging tangible pendulum-based sonic interaction experience**

Hansen, A-M., Overholt, D., Burleson, W., Nøregaard Jensen, C., Lahey, B. & Muldner, K., 2009, *Proceedings of the 8th International Conference on Interaction Design and Children*. Association for Computing Machinery, s. 286-288 3 s.

### **"The fingers" - A tribute to "the hands"**

Overholt, D., 2009, *Proceedings of the 2009 International Computer Music Conference, ICMC 2009*. International Computer Music Association, s. 335-338 4 s. (Proceedings of the 2009 International Computer Music Conference, ICMC 2009).

### **The Musical Interface Technology Design Space**

Overholt, D., 2009, I: *Organised Sound*. 14, 2, s. 217-226 10 s.

### **Creative Collaborative Exploration in Multiple Environments**

Overholt, D., Turk, M., Hollerer, T., Arisona, S. M., Morin, J. K., Coffin, C., Hoetzlein, R. & Putnam, L., 2008, *Creative Intelligent Systems: Papers from the 2008 AAAI Spring Symposium*. AAAI Press, s. 102-110 8 s.

### **The AlloBrain: an Interactive Stereographic, 3D Audio Immersive Environment**

Overholt, D., Wakefield, G., Morin, J. K., Novak, M., Putnam, L., Thompson, J. & Smith, W., 2008, *Proceeding of the twenty-sixth annual SIGCHI conference on Human factors in computing systems*. Association for Computing Machinery, 6 s.

### **Sonofusion: Development of a multimedia composition for overtone violin**

Thompson, J. & Overholt, D., 2007, s. 122-125. 4 s.

### **Musical interaction design with the CREATE USB interface teaching HCI with CUIs instead of GUIs**

Overholt, D., 2006, s. 425-430. 6 s.

### **The Overtone Violin: A new computer music instrument**

Overholt, D., 2005.

### **Hydrogen wishes**

Burleson, W., Nemirovsky, P. & Overholt, D., 27 jul. 2003.

## **Projekter**

### **AAAI: Acoustically Active Augmented Instruments**

Overholt, D. & Lähdeoja, O.

01/01/2018 → 31/12/2018

**CultAR: Culturally Enhanced Augmented Realities**

Morrison, A., Andersen, H. J., Overholt, D., Jensen, W., Leegaard, J. H. & Knoche, H.  
01/01/2013 → 31/12/2015

**FMN: Feedback Musicianship Network**

Overholt, D. & Kiefer, C.  
01/06/2021 → 01/06/2022

**Hybrid Instruments**

Knakkegaard, M., Overholt, D. & Bundgaard, M.  
01/09/2011 → 01/05/2013

**ImprovAlze: Using deep learning to improve real-time motion recognition and affective experiences for human-machine interaction**

Jochum, E., Erkut, C., Overholt, D., Dahl, S., Palamas, G. & Bai, S.  
01/09/2022 → ...

**MITIC: Music Interface Technologies in Intercultural Contexts**

Overholt, D., Hansen, A., Wessel, D. & Freed, A.  
01/01/2013 → 31/12/2013

**NEMID: Princeton Global Network for New Electronic Musical Instrument Design**

Overholt, D. & Snyder, J.  
01/04/2018 → 31/10/2021