

**GEORGIA INSTITUTE OF TECHNOLOGY**  
**SCHOOL OF MUSIC**

**AUDIENCE DEVICE  
PARTICIPATION**

**APRIL 5TH, 2016**  
**7:30 PM**  
**CADDELL FLEX SPACE**

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**mozilla**

**Georgia Tech**  **School of Music**  
College of Architecture

**Georgia Tech**  **College of Architecture**

**Georgia Tech**  **Center for Music Technology**  
College of Architecture

# CONCERT PROGRAM

## ORNITHOLOGICAL BLOGPOEM

2015

*Composer: Ben Houge*

*Performers: Ben Houge (voice), Members of the Georgia Tech Choirs (Timothy Hsu and Jerry Ulrich, directors)*

## CONCERT FOR SMARTPHONES

2015

*Composer: Andrey Bundin*

*Performer: Andrey Bundin (digital interface)*

## CROSS-TOWN TRAFFIC 2.0

2015

*Composers: Brian Belet, William Walker*

*Performers: Brian Belet (conductor), William Walker (laptop)*

## CROWD IN C[LOUD]

2015

*Composers: Sang Won Lee, Antonio de Carvalho Jr.*

*Performer: Sang Won Lee (laptop)*

## CONSTELLATION: A MUSICAL EXPLORATION OF PHONE-BASED AUDIENCE INTERACTION ROLES

2016

*Composers: Nihar Madhavan, Jeff Snyder, PLOrk (the Princeton Laptop Orchestra)*

*Performers: Nihar Madhavan (laptop), Jeff Snyder (laptop), Corinna Slater (voice), Emilie Kundycki (voice), Mason Bretan (percussion), Andy Chen (percussion)*

# BIOGRAPHIES

**Ben Houge** is an artist working at the nexus of video game development, music composition, digital art, generative video, and sound installation. His current work investigates the connections between music, gastronomy, and technology in a series of multisensory events he calls “food operas.” His work has been presented at the Shanghai eArts Festival, Vinfonies in Barcelona, the Seattle Art Museum, the Boston Cyberarts Festival, ICMC/SMC, the first Web Audio Conference, and many other venues. Ben holds degrees in music from St. Olaf College and the University of Washington and teaches music technology at Berklee College of Music.

**Andrey Bundin** (b. 1987). Composer, media artist, lecturer, Ph.D. Composes chamber, symphonic, vocal, and electroacoustic music. A. Bundin has produced 7 full-feature dance and theatre performances as a composer and sound designer. A. Bundin conducts creative and scientific work in the field of surround sound, develops computer tools for artistic performance and musical expression. Currently, he works at the Herzen State Pedagogical University of Russia and at the New Stage of Alexandrinsky Theater.

**Bill Walker** is a Senior Engineering Manager at Mozilla. As a pianist, conductor, and composer, he has performed around the San Francisco Bay Area for twenty years in instrumental and vocal combos. He composes music for productions at the San Francisco Shakespeare Festival and the Pear Avenue Theatre, performs with the Roger Steen Band, and conducts the choir at University Lutheran Church in Palo Alto. He holds a Ph.D. from University of Illinois in Computer Science, where he studied jazz piano with Tony Caramia and electronic music composition with Scott Wyatt.

**Brian Belet** lives in Campbell, California (USA), with his partner and wife Marianne Bickett. He performs with the ensemble SoundProof using Kyma, viola, and bass. His music is recorded on the Centaur, Capstone, Frog Peak Music, IMG Media, Innova, SWR Music/Hänssler Classic, and the University of Illinois CD labels; with research published in Contemporary Music Review, Organised Sound, Perspectives of New Music, and Proceedings of the International Computer Music

**Sang Won Lee** is a PhD Candidate in Computer Science at the University of Michigan. His works lie at the intersection of music and computer science, focusing on collaborative music making, live coding, and interactive music. He seeks to create environments that help people feel connected to music. Lee received his Master’s Degree in Music Technology from Georgia Tech and has performed in many computer music concerts including NIME, ICMC, ACM Creativity and Cognition, and the Margaret Guthman New Musical Instrument Competition.

**Antonio Deusany de Carvalho Jr.** Born in 1986 at João Pessoa, Paraíba, Brazil, Antonio Deusany de Carvalho Junior, better known as dj, is a computer scientist who works in the intersection between music and computer science through network technologies. dj started his studies in music and computer science 15 years ago, and keeps merging new technologies into his musical experiences.

**Nihar Madhavan** graduated in 2015 from Princeton University, working with the Princeton Laptop Orchestra to develop a system for mobile audience music collaboration as part of his senior thesis.

**Jeff Snyder** (b.1978) is a composer, improviser and instrument designer living in Princeton, New Jersey. As founder and lead designer of Snyderphonics, Jeff designs and builds unusual electronic musical instruments, including the Manta. Jeff is a member of experimental bands exclusiveOr, The Federico Ughi Quartet, The Mizries, and the laptop ensemble Sideband. In 2011, he received a doctorate with distinction in Music Composition from Columbia University. He currently is an Associate Research Scholar of Electronic Music at Princeton University, and the Director of PLOrk, the Princeton Laptop Orchestra.

# ACKNOWLEDGEMENTS

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<b>Conference Chairs:</b>	<b>Jason Freeman (Georgia Tech)</b> <b>Alexander Lerch (Georgia Tech)</b> <b>Matthew Paradis (BBC)</b>
<b>Music/Artwork Chairs:</b>	<b>Benjamin Taylor (Goucher College)</b> <b>Anna Xambó (Georgia Tech)</b>
<b>Poster/Demo Chairs:</b>	<b>Takahiko Tsuchiya (Georgia Tech)</b> <b>Gerard Roma (University of Surrey)</b>
<b>Hack Session Chairs:</b>	<b>Norbert Schnell (IRCAM)</b> <b>Samuel Goldszmidt (IRCAM)</b>
<b>Administration:</b>	<b>Leslie Bennett (Georgia Tech)</b>
<b>Logo:</b>	<b>Tiffany O'Quinn (Georgia Tech)</b>
<b>Consultant:</b>	<b>Bruce Walker (Georgia Tech)</b>

## ABOUT US

**The School of Music** provides the highest level of education in music, facilitates research in music technology, and offers technology-rich performance activities. Embracing its co-curricular role, the Department will serve students throughout the institute promoting a variety of performance opportunities, offering innovative courses, and enhancing Georgia Tech's cultural and artistic environment. Faculty contribute to regional, national, and international constituencies through excellence in teaching, research, and service while creatively blending the traditional with the technical.

**The Georgia Tech Center for Music Technology (GTCMT)** is an international center for creative and technological research in music, focusing on the development of musical instruments and applications as well as the pragmatic and aesthetic deployment of them in performance.

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