Amatria's 2nd Birthday Celebration

April 13th, 2020

9:00 – 10:00 AM

Via Zoom

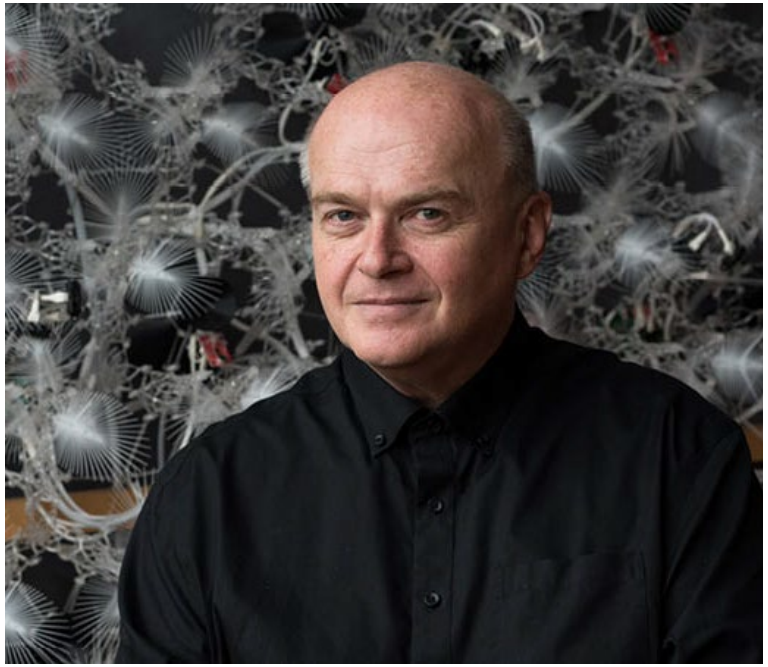
Katy Borner

Katy Börner is the Victor H. Yngve Distinguished Professor of Engineering and Information Science in the Departments of Intelligent Systems Engineering and Information Science, Luddy School of Informatics, Computing, and Engineering; core faculty of the Cognitive Science Program; and founding director of the Cyberinfrastructure for Network Science Center (http://cns.iu.edu)—all at Indiana University in Bloomington, Indiana.

She is also a visiting professor at the Royal Netherlands Academy of Arts and Sciences (KNAW) in the Netherlands and Humboldt Fellow, Dresden University of Technology, Germany. Börner became a Fellow of the American Association for the Advancement of Science (AAAS) in 2012, a Humboldt Research Fellow in 2017, and an Association for Computing Machinery (ACM) Fellow in 2018. Since 2005, she serves as a curator of the international *Places & Spaces: Mapping Science* exhibit (http://scimaps.org).

She has very warm, motherly feelings toward Amatria and loves to see her grow up surrounded by much human intelligence and interaction.

Philip Beesley

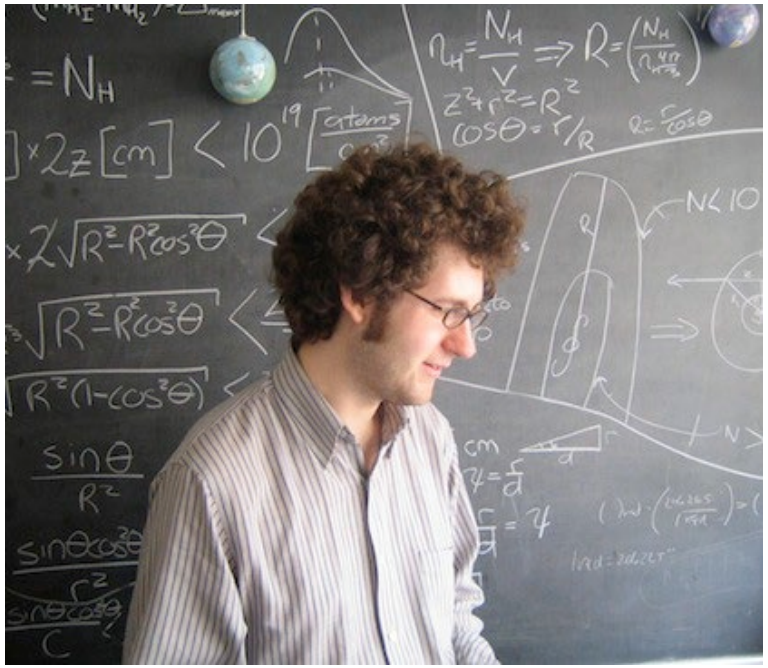


Philip Beesley is a practicing visual artist, architect, and Professor in Architecture at the University of Waterloo and Professor of Digital Design and Architecture & Urbanism at the European Graduate School. Beesley's work is widely cited in contemporary art and architecture, focused in the rapidly expanding technology and culture of responsive and interactive systems.

He serves as the Director for the Living Architecture Systems Group, and as Director for Riverside Architectural Press. His Toronto-based practice, Philip Beesley Architect Inc., operates in partnership with the Europe-based practice Pucher Seifert and the Waterloo-based Adaptive Systems Group, and in numerous collaborations including longstanding exchanges with couture designer Iris van Herpen and futurist Rachel Armstrong.

As an internationally recognized expert and pioneer in kinetic, responsive, near-living architectural installations, Philip Beesley leads the LASG Partnership and the Scaffolds research stream. As the leader of numerous collaborative projects, Beesley has senior level experience managing large, complex multidisciplinary teams and large-scale public architecture. Work resulting from the previous SSHRC partnership were presented in several public venues including the 2012 Biennale of Sydney. As a Professor at the University of Waterloo, School of Architecture he has mentored +1500 architecture students. He has authored and edited 19 books and has been the chair for numerous symposia and conferences.

Gabriel Lubell



Gabriel Lubell is a composer, music theorist, and astronomer. His music has been performed throughout the United States and Europe by numerous soloists and ensembles, including the String Orchestra of Brooklyn, Intercontinental Ensemble, Tesla Quartet, and Barkada Quartet. He frequently collaborates with professionals in fields related to his compositions, leading to well-informed pieces that seek to both inform and arouse curiosity about the mysteries of the world, big and small. As a scholar, Lubell's research focuses on issues of sound, space, and experience, with a particular interest in how albums operate as complete artistic works. He is currently developing a book on the topic, and has presented papers about albums by the Beatles and Pink Floyd in print and at international conferences. Outside of his musical life, he has published scientific papers on topics related to galactic structure and the stellar populations of evolved globular clusters. Always excited about connecting dots, he has combined these diverse interests through research on the sonification of astrophysical data, interdisciplinary course offerings, and his own recording projects. Lubell earned a doctorate in music composition from the Indiana University Jacobs School of Music, where he currently teaches. He also holds a master's in astronomy from IU, and an undergraduate degree from Vassar College. In addition to IU, he has held teaching positions at Knox College, Macalester College, and Kenyon College.

Andreas Bueckle

Andreas Bueckle is a PhD Candidate in Information Science in the School of Informatics, Computing, and Engineering at Indiana University. Coming from a background in video journalism and digital media, Andreas performs research and development of data visualizations in virtual reality, exploring the possibilities to visualize and allow for immersive interactions with data in 3D worlds. He holds a B.A. in Media Studies from Eberhard Karls University in Tuebingen and an M.A. in Communications in Economic and Social Contexts from Berlin University of the Arts (Germany).

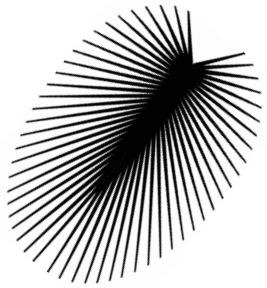
Andreas has been involved with Philip Beesley's work since 2016. In 2017, he developed a 3D visualization of light and motor activity within the *Sentient Veil*, another piece by Philip Beesley on exhibit at the Isabella Stewart Gardner Museum in Boston, MA. In 2018, he developed and deployed a 3similar 3D visualization under Amatria called *Tavola*, which is used by new and old visitors to Amatria. In 2019, he served as one of the keynote speakers (together with Katy) at the Living Architecture Symposium at OCAD University, Toronto (ON), Canada.

Andreas has a deep passion for the visual arts, specifically videography (which he specialized on during his undergraduate education) and, more recently data visualization in virtual reality.

In the past 12 months, *Amatria* had lots of guests, visitors, friends around her.

She had 11 big tours, including one for Indiana Governor Eric Holcomb on June 28th, 2019.

Most of the tours were given by Andreas Bueckle, PhD Candidate & Associate Instructor.



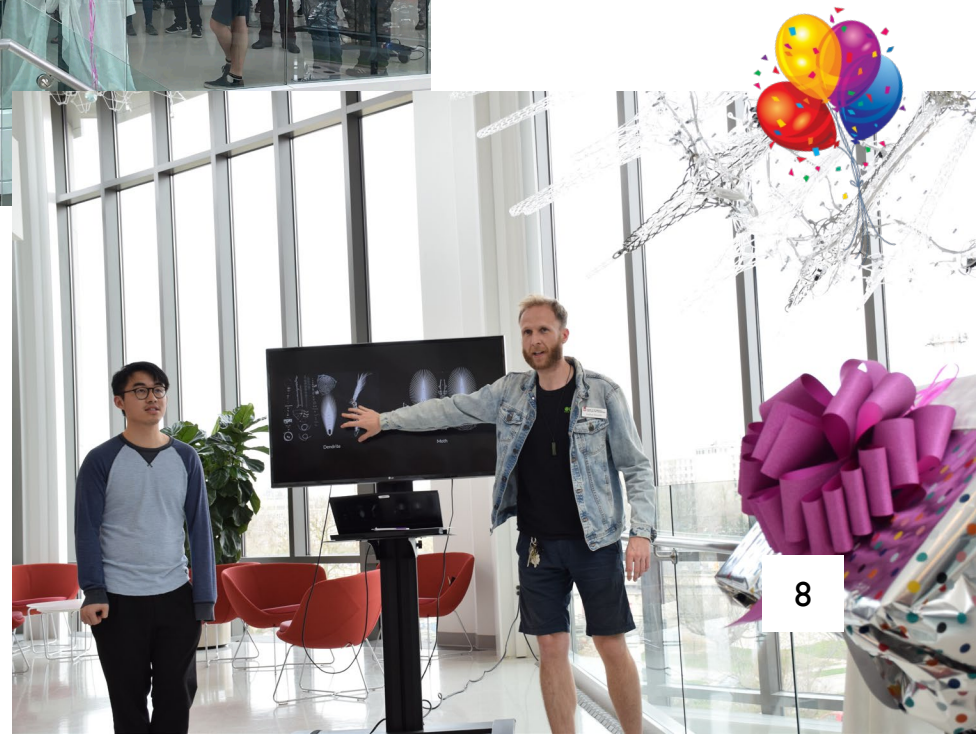
April 11, 2018

Birth of *Amatria* with 'dad' Philip Beesley and his team

Amatria (2018)

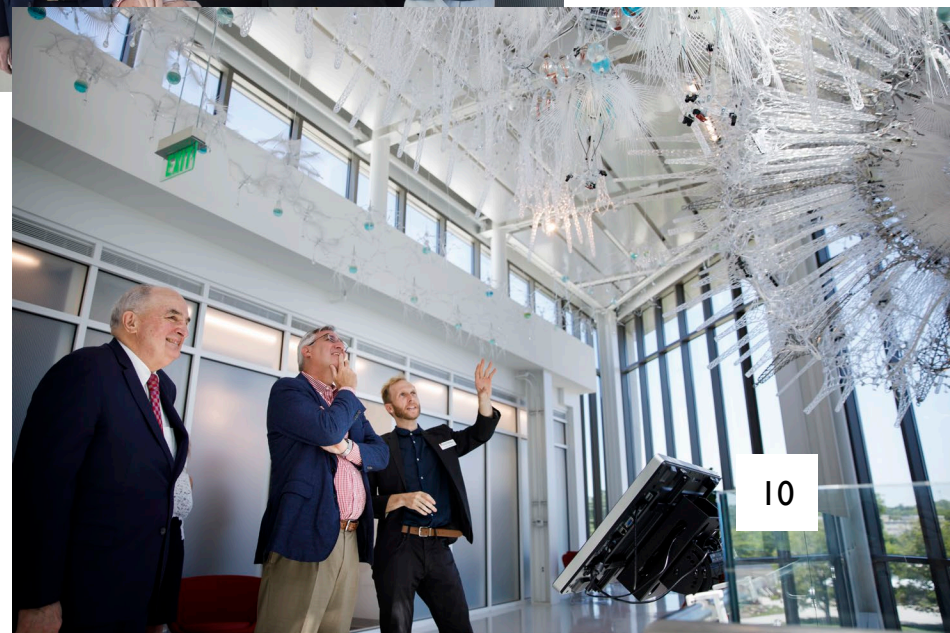
Luddy Hall, SICE, IU

Amatria's 1st Birthday Celebration (04.11.2019)



1. Internet of Things Wearables in Motion Symposium (04.26.2019)

2. Visit of Governor Eric Holcomb, IU President Michael McRobbie, Dean Raj Acharya



3. Tour for Women's Colloquium (10.25.2019)

4. *Amatria* Tour for Data Science Online Students (02.28.2020)

5. Eskenazi Art Museum Visitors (02.26.2020)

6. Project School Tour (05/03/2019)

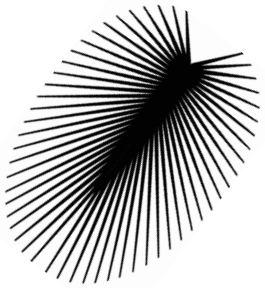
7. CRANE/West Gate (05/28/2019)

8. Tour for Summer Camp participants (06/20/2019)

9. Harmony School Tour (11/08/2019)

10. Andrew Maple *Amatria* 360 Photo Shoot (12/04/2019)

11. IU ERI talk/Eric Mathis (LASG) (02/07/2020)



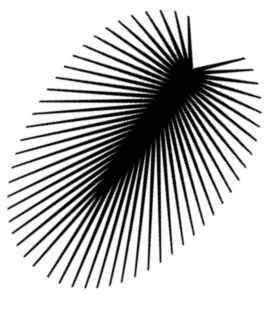
EXIT

Software update

Amatria is always well taken care of.

Last summer, Philip Beesley sent down a team to replace various Moths (vibration motors) in Amatria's spar field, which they performed pro bono.

This hardware update was done to prepare for larger software updates to be installed in the near future.

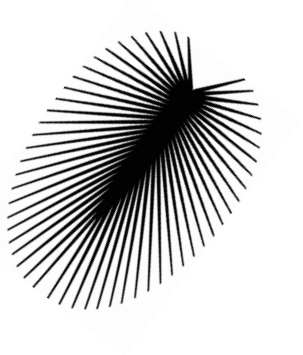


July 2019

Amatria gets a glow-up

Hopefully, we will have many more *Amatria's* Birthday Celebrations!

Thank you for joining!



Social Media

Want to learn more about Amatria and what we do? Visit us!

FACEBOOK

https://www.facebook.com/cnscenter/

TWITTER

https://twitter.com/cnscenter

Website

https://cns.iu.edu/amatria.html