Where Music Technology and Education Connect

Music Tech Talk

In this issue inspiration from John Chowning's keynote at the CMS/ATMI conference is shared.

Share Your Achievements

We invite you to keep the community informed about your latest accomplishments. Whether you have groundbreaking research starting, awards won, or exciting news to share, let us know! Your contributions make our community stronger.

Connect with us by emailing the details to dgoot@iu.edu, and you may find your achievements published in the next newsletter. We look forward to celebrating your successes and keeping our community vibrant!

Mentorship Sessions

ATMI members can now tap into valuable insights from experienced music technology professors through mentorship. For more information contact Dana Kemack Goot @ dgoot@iu.edu to be connected to a mentor.

NATIONAL CONFERENCE KEYNOTE SPEAKER JOHN CHOWNING INSPIRES

At the recent ATMI national conference held November 7-9, 2024, in conjunction with the CMS conference at the Washington Hilton in Washington, DC, attendees had the rare opportunity to hear from one of the most influential figures in the world of computer music - John Chowning. As the keynote speaker, Chowning captivated the audience with a presentation that traced his remarkable journey in music and technology—a journey he describes as one shaped by luck, inspiration, and a well-trained musical ear.
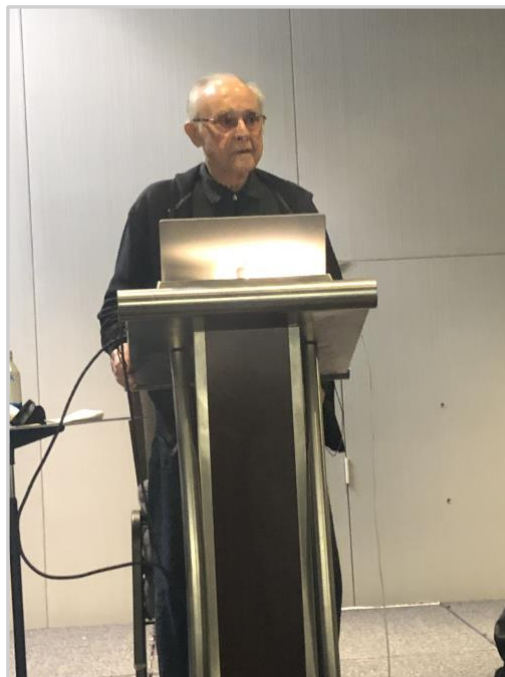
John Chowning at the podium as the Keynote Speaker

A paper by Max Mathews and published in *Science* in 1963 remained largely unnoticed by the broader music community at the time, as recalled by Chowning. "I was one (that noticed),

and it changed my life, as I fully embraced the beginning of the information age, but without the education in math and technology one would expect. My passion and education were music, a discipline everyone in this room shares."

From those early days, Chowning's story develops as a narrative of opportune encounters and groundbreaking discoveries. His involvement with Stanford's Artificial Intelligence Lab in the mid-1960s, where he received an "incidental education" in technology, became the foundation for his pioneering work in FM synthesis. This algorithm, discovered in 1967 and later licensed to Yamaha, revolutionized electronic music production with the iconic DX7 synthesizer, a staple in the 1980s

Chowning's exploration continued as he and his colleagues at Stanford also created the first digital surround sound system, drawing inspiration from Karlheinz Stockhausen's *Kontakte*.

Throughout his keynote, he reflected on the convergence of musical intuition and technological innovation that defined his career. He spoke candidly about how a deep appreciation for music—and not a formal background in mathematics or engineering—fueled his contributions to the field. He said that his "long creative life evolved with luck — finding inspiring people who helped me and ideas I wasn't looking for..."

Chowning continues to engage with innovative projects, including an acoustic restoration at the Chauvet Cave in southern France, and to compose and maintain his relationship with Stanford's Center for Computer Research in Music and Acoustics (CCRMA). He provided attendees with inspiring perspectives on how this evolving field might influence the next generation of music creators.

Jorge Variego and students perform at an ATMI session at the National Conference

JATMI

Journal for the Association for Technology in Music Instruction

Explore the forefront of music education research with the Journal of the Association for Technology in Music Instruction (JATMI). Our online forum welcomes contributions from educators, researchers, and practitioners across multiple music genres and settings. Peer-reviewed and committed to excellence, JATMI is your platform for pushing the boundaries of music technology research. Submit your work and be part of the conversation shaping the future of music education. Click here for submission and publication information.

ATMI National Convention & JATMI Publication

Note on accepted presentations from the _Journal of the Association for Technology in Music Instruction (JATMI)_

The _Journal of the Association for Technology in Music Instruction (JATMI)_ is pleased to announce that papers accepted for the ATMI National Conference will be published in a proceedings issue of the journal.

JATMI proceedings instructions:
Papers presented at the 2024 ATMI National Convention (November 7-9, 2024, Washington, D.C.) are automatically accepted for a proceedings issue of _JATMI_.

To submit your paper:

- Format your paper following the JATMI guidelines for submission including the length of the paper and the removal of identifying information so it can be reviewed.
- If the paper would benefit from having any kind of video included with the paper (e.g., demonstration of a product or teaching), contact the editors for guidance on formatting the video portion of the submission.
- Submit your paper though the JATMI website: https://trace.tennessee.edu/jatmi/

- Papers for the proceedings should be submitted to JATMI by **February 1, 2025.**
- The submitted paper will be sent to reviewers for editorial comments.
- Once editing is completed, the paper will proceed to the editors for formatting and publication in JATMI.

Upcoming ATMI Elections

The ATMI Board is accepting nominations for two board positions starting January 2025:
    Treasurer (4-year term)
    President (2-year term).
The submission deadline is **December 1st**. To nominate yourself or someone else, provide a bio and a statement of interest to our ATMI Vice President, Jason Fick.
Submissions and questions can be sent to Jason at jason.fick@oregonstate.edu.
Full position details are in the ATMI bylaws, available here: ATMI Bylaws.

Keynote Speaker Suggestions

ATMI is also seeking suggestions for a keynote speaker for the 2025 CMS/ATMI conference in Washington State. Please send your ideas to Anthony Marasco at marasco9@msu.edu.

ATMI MEMBER BENEFITS

- Special discount on ATMI conference fees
- Exclusive admission to panel discussions and virtual mini-conferences
- Access to enriching mentorship sessions
- Access to the Journal for the Association for Technology in Music Instruction

Unleash the full potential of your membership with ATMI. Join us in advancing music technology research in education today.

Elected Officers

Contact: Barry Atticks:barry.atticks@millersville.edu

ATMI homepage: https://www.atmimusic.com/

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