

# Conference Prospectus

## Unlocking Innovation and Forging Partnerships: The RTC Conference at IllinoisTech

Illinois Institute of Technology, a trailblazing technology-focused research university, is your gateway to an unprecedented opportunity. Join us in igniting the future of real-time communications, and in turn, supercharge your brand's recognition, connections, and influence. Here's why you can't afford to miss the RTC Conference and Expo at IllinoisTech:

### About Illinois Tech and the RTC Lab

At Illinois Tech, we nurture innovators, and our legacy is woven with groundbreaking innovations like the cell phone, magnetic recording, and barcode technology. Our unique approach fuses theory and practice, equipping students with the skills to tackle real-world challenges. In our RTC Lab, students, faculty, and industry collaborate on projects that drive benefits to society and offer students a direct path to senior engineering positions upon graduation. Your support empowers the next generation of tech leaders to advance this legacy of innovation.

### What is the RTC Conference and Expo at IllinoisTech?

For two decades, the RTC Conference at IllinoisTech has been a global epicenter for real-time communications thought leadership. We gather software developers, network engineers, entrepreneurs, and academic experts who will shape the future of this dynamic field. Attendees forge valuable, lasting partnerships, gain fresh insights, and return home with game-changing ideas. Academic participants gain firsthand insights into industry needs, aligning their research with real-world applications.

### The Purpose of the RTC Conference and Expo at IllinoisTech

- **High Signal-to-Noise Ratio:** We've curated an event with an exceptional signal-to-noise ratio, serving the interests of both industry and academia.
- **Peer-Reviewed Research:** We amplify research awareness by providing a platform for peer-reviewed papers, published in the prestigious IEEE digital archive, IEEE Xplore.
- **Best Practices:** Industry experts share best practices to drive advancements in real-time communications.

- **Showcase Innovations:** Visionaries and entrepreneurs unveil their latest innovations, making the RTC Conference a hotbed of pioneering ideas.
- **Talent Pool:** Connect with the brightest students who could be your future colleagues or employees.
- **R&D Collaboration:** Partner with the RTC Lab to identify, develop, and execute mutually beneficial R&D projects.

## **RTC Conference 2025: Event Overview**

- **RTC Conference:** To be held at Hermann Hall on IIT's Mies Campus, October 7 & 8. Features multiple tracks addressing current developments in topics including:
  - **Emerging Technologies and RTC** - AI/ML and Quantum Computing, V2V, IoT and more;
  - **Natural Language Processing (NLP) and VoiceTech;**
  - **WebRTC Innovations;**
  - **Real-Time Networks and Applications** - 5G, 6G and beyond, and innovative applications of emerging tech and edge computing ;
  - **RTC Research** - to be offered for publication on IEEE Xplore;
  - **Next-Generation 911 and Emergency Communications** - security and authentication, additional data routing, and so much more;
  - **Communications Quality and Reliability - IEEE CQR Workshop** will be open to all!
  - Our tracks will also include talks related to CPaaS, Cloud Communications; Open-source tools, and more.
- **Global Reach:** The entire event is live-streamed and recorded, ensuring global exposure for sponsors, speakers, and registrants.

## **IEEE Co-host for 2025**

We are proud to announce that the world's largest technical professional organization, IEEE, is once again sponsoring this year's conference along with the Real-Time Communications Lab at IIT. With a global community of over 419,000 members across 160 countries, IEEE is a powerhouse of innovation and knowledge. This partnership elevates the RTC Conference and Expo at Illinois Tech's reputation for delivering an unparalleled spectrum of real-time communications content in a single, extraordinary event.