

**ILLINOIS QUANTUM AND MICROELECTRONICS PARK, LLC**  
**BOARD OF MANAGERS**  
**MEETING MINUTES**  
**August 19, 2025**

University of Illinois Chicago Student Center West  
828 S. Wolcott Avenue, Chicago IL

The meeting of the Illinois Quantum and Microelectronics Park, LLC

(IQMP) Board of Managers was called to order at 10:10 a.m. by Chairman Milhouse.

Present and participating in the meeting were:

Board of Managers

John Atkinson  
Rashid Bashir  
Martin Cabrera Jr  
Stacia Edwards  
Sonja Feist-Price<sup>1</sup>  
Brad Henderson  
Becky Locker<sup>2</sup>  
Susan Martinis  
Nadya Mason  
Wilbur C. Milhouse III  
Eric Perreault  
Casmir Peters

Absent

Paul Kearns

Officers and Directors

Paul N. Ellinger, treasurer<sup>3</sup>  
Scott E. Rice, counsel  
Marla J. Todd, secretary *pro tem*  
Harley Johnson, executive director and chief executive officer

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<sup>1</sup> Dr. Feist-Price arrived at 10:41 a.m.

<sup>2</sup> Ms. Locker attended via remote videoconference.

<sup>3</sup> Dr. Ellinger attended via remote videoconference.

**Opening Remarks**

Chairman Milhouse gave an overview of the meeting and thanked those in attendance for their continued commitment to the Illinois Quantum and Microelectronics Park.

**Remarks from Dr. Timothy L. Killeen, president of the University of Illinois System**

Dr. Killeen said this is an exciting project and gave an update on progress to date. He remarked on the University's commitment to IQMP. He then introduced Dr. Charles L. Isbell Jr., chancellor, University of Illinois Urbana-Champaign, and vice president, University of Illinois System. He described Dr. Isbell's background and experience.

**Remarks from Dr. Charles L. Isbell Jr., chancellor, University of Illinois Urbana-Champaign, and vice president, University of Illinois System**

Dr. Isbell described his background and referred to his appreciation for bringing universities and industry together to accomplish things that could not be done alone. He said IQMP is uniquely positioned to have a world-wide impact. He said he believes in the project and will help in any way possible, and he said it is an example of the university's land-grant mission in the 21<sup>st</sup> century.

**Director/CEO Report**

Mr. Milhouse asked Dr. Harley Johnson, director and chief executive officer, to give a report on IQMP. Dr. Johnson introduced new additions to the IQMP team: Dr. Gabriel Seidman, interim director of the National Quantum Facility; Dr. Amy Wu, research program manager; and Dr. Nicholas Kowalski, research program manager.

Dr. Johnson showed an updated organizational chart. He said the IQMP contract with the U.S. Department of Defense's Defense Advanced Research Projects Agency (DARPA) provides \$1.0 million per year for staffing the Illinois-DARPA Quantum Proving Ground, which includes support for the salaries of Dr. Wu and Dr. Kowalski, in addition to two other full-time positions.

Dr. Johnson then reported on IQMP's presence at the Global Quantum Forum in Chicago, where it was announced that Infleqtion would be joining the park. He gave an overview of the programs and workshops that took place over the two-day period.

Dr. Johnson then gave updates on business development and told the Board that Diraq will be the first user of the National Quantum Facility and IQMP's on-ramp program. He shared information about Diraq, and he said on-ramp users will have access to technical and programmatic support.

Next, Dr. Johnson shared information about the National Quantum Algorithm Center (NQAC) and explained this is a new membership organization at IQMP that brings together industry end-users of quantum technology, quantum companies, academia, national labs, and partners. He described first-year offerings and gave examples of computational needs and grand challenges for quantum algorithms to address major problems facing society. Mr. Milhouse asked how the top problems were ranked, and Dr. Johnson stated that those with the potential to be most impacted by quantum were ranked first. Dr. Johnson stated that the NQAC works with academic algorithm experts, quantum companies, and industry end-users on a robust portfolio of

activities. Brief discussion followed regarding the future development of academic algorithm experts, the work of computational scientists, and the need to grow and nurture those working on algorithms for quantum. Dr. Johnson then reported on the NQAC energy workshop and insurance workshop, and he highlighted the efforts of P33 to bring companies to the table. He also shared information about the NQAC life science workshop. Discussion followed regarding the participation of companies and communities beyond the Midwest.

Dr. Johnson then referred to workforce development and community engagement and introduced Mr. Greg Feltman, senior advisor, IQMP, who highlighted the partnerships that are being leveraged across Chicago and Illinois. He said conversations are underway to identify job growth and experiential learning opportunities. Mr. Feltman stated that the IQMP workforce development workstream pilot is underway and focuses on cryogenic roles, and he shared examples of the level of training and education needed for various types of cryogenic positions. He stated that the pilot has shown that there is a need for more mechanical engineers and technicians to meet projected needs, and he described opportunities for internships, specialized training, and apprenticeships to meet these needs. Mr. Feltman reported on early education and workforce development needs in the community and referred to a recent visioning session with local school principals about IQMP workforce and education efforts. Dr. Mason inquired about the systematic development of resources to offer systematic programs in the education space. Mr. Feltman referred to work with Chicago Public Schools,

discussions with philanthropic groups, and efforts to increase resources and identify greatest areas of impact to achieve desired scale.

Ms. Claire Salzman, vice president of digital strategy for C-Strategies, discussed communications and shared IQMP's online content ecosystem. She described the content featured on the IQMP website and reported on visitors and page views, and she shared LinkedIn content and level of interest and activity.

Dr. Johnson then gave a park development update and said continued progress is underway. He announced that Ms. Laura Appenzeller, director and chief operating officer, IQMP, would be returning full-time to her role as executive director of the University of Illinois Research Park and assistant vice chancellor of innovation. He said a search would be underway for a full-time chief operating officer. Dr. Johnson expressed appreciation for Ms. Appenzeller's work over the past year, which was followed by a round of applause. Ms. Appenzeller thanked the Board of Managers for the opportunity. Dr. Johnson presented Ms. Appenzeller with a framed copy of a rendering of the IQMP campus. Members of the Board thanked Ms. Appenzeller for her work over the past year, which was followed by another round of applause.

Discussion followed regarding the success of the Global Quantum Forum and the need to continue to provide additional opportunities for engagement. Dr. Bashir emphasized the need to continue this level of engagement and momentum. Dr. Johnson referred to the Chicago Quantum Summit being held in November and hosted by the Chicago Quantum Exchange. Board members referred to global opportunities for engagement, and Mr. Milhouse asked if there was anything additional IQMP should be

doing. Dr. Johnson referred to conversations surrounding quantum networking and quantum communications and said plans and opportunities are also evolving in the development of microelectronics.

### **On-ramp Facility Update**

Mr. Manas Mehandru, mHUB chief operating officer, and Ms. Allison Winstel, mHUB chief of staff, gave a presentation (materials on file with the secretary) on mHUB and the on-ramp facility. Ms. Winstel gave background on mHUB and its efforts to transform and advance hard-tech industries. She reported on its platforms to drive innovation and economic development, as well as create partnerships in the community, and she showed a timeline leading to the opening of the mHUB Deep Tech Lab and IQMP On-Ramp Facility. Mr. Mehandru described the benefits of the partnership and presented a diagram of the space. He highlighted the heavily resourced environment and exposure to innovators.

### **IQMP Tenant Update**

Dr. Pranav Gokhale, vice president and general manager of computing at Infleqtion, gave a presentation (materials on file with the secretary) and expressed appreciation for the opportunity to be a part of IQMP. He referred to Infleqtion's growing global presence and gave a brief history of the company. Dr. Gokhale provided information about Superstaq, a quantum software (QSW) tool that acts as a compute unified device architecture (CUDA) for quantum, which he said is compatible across all hardware modalities. He discussed neutral atom technology and described progress on neutral atom computing at scale. Dr. Gokhale shared additional information about the

work underway at Inflection and plans for the future. The presentation was followed by a round of applause. Discussion followed regarding progress on other modalities and the future of quantum computing.

**Action Agenda: no. 1, Approve Minutes of April 22, 2025, Meeting of the Illinois Quantum and Microelectronics Park, LLC Board of Managers**

Mr. Milhouse asked if there were any comments or corrections to the minutes from the last meeting of the IQMP Board of Managers, which was held on April 22, 2025. There were none. On motion of Dr. Martinis, seconded by Mr. Peters, the minutes were approved by the following roll call vote: Mr. Atkinson, Dr. Bashir, Dr. Edwards, Dr. Feist-Price, Mr. Henderson, Ms. Locker, Dr. Martinis, Dr. Mason, Mr. Milhouse, Dr. Perrault, Mr. Peters; Absent, Dr. Kearns; No, none. (Mr. Cabrera did not vote on this item.)

**Public Comment**

Ms. Todd referred to the public comment policy approved by the Board of Managers and indicated there were no requests for public comment.

**Old Business**

Mr. Milhouse asked if there was any old business, and there was none.

**New Business**

There was no business presented under this aegis.

Mr. Milhouse announced the next meeting of the Board of Managers is scheduled for October 14, 2025.

**Adjourn**

On motion of Dr. Martinis, seconded by Dr. Perrault, the meeting adjourned at 11:39 a.m.

**Reports for Information Only**

The Executive Committee of the Board of Managers of the Illinois Quantum and Microelectronics Park, LLC held a meeting on July 2, 2025. The Executive Committee took action on and approved the following items:

1. Approve Resolution for Security Clearance Exclusion of Managers and Officers
2. Approve Resolution Designating a Facility Security Clearance Executive Committee

Materials and the full minutes of the Executive Committee meeting are on file with the secretary.