



# ***FAST TIMES***

**OCTOBER 2024**

## **DEAN'S MESSAGE**

Dear Colleagues,

As we observe leaves turning into hues of red and gold, this colourful transition reflects our return to the fall academic term as we settle into new routines while continuing to push the boundaries in research and innovation.

Earlier this year, we hosted the inaugural FAST Symposium: Scholarly and Professional Conference, to share and celebrate the exceptional achievements and expertise of our faculty members who are dedicated to advancing knowledge and academic excellence in their respective fields. These scholarly activities and research projects were compiled and shared in the May 2024 FAST Scholarly

Journal that showcased thought-provoking articles, groundbreaking research, and invaluable insights that embody the intellectual rigor and dedication that define our Faculty. In our relentless pursuit of innovation and commitment to inspiring future generations of scholars and professionals, we are once again hosting this Symposium and I encourage FAST members to attend and share their scholarly activities and research projects with our community. Please read on for more information on how to participate.

In this issue, we celebrate two FAST students who proudly represented Humber and Team Canada at the WorldSkills

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International Competition in Lyon, France; showcase how we collaborated with industry partners to launch the new multi-disciplinary PROJ 300 course; and many more compelling stories that I look forward to you discovering on the following pages.

As our green landscape changes to become a wash of red, orange and yellow, I invite you to take the time to explore nature's palette as it begins to transform throughout the Arboretum and embrace all the wonders that fall, and our forward-thinking Faculty have to offer.

Warm regards,  
Francis Syms, P.Eng.  
Associate Dean



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## EVERY CHILD MATTERS

To recognize National Day for Truth and Reconciliation on September 30th, the Humber community came together for the Walk for Reconciliation at North Campus.

We listened to and learned from Roberta Hill & Sherlene Bomberry from Mohawk Village Memorial Park who shared their truth about their experience at the Mohawk Institute Residential School.

Following, FAST joined our community in a sea of orange shirts for a walk to the Humber Arboretum.

Together, we strive to build cultural understanding and create a path toward a renewed relationship between Indigenous Peoples and Canadians through transformative learning about truth and reconciliation.



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## BARRETT CENTRE FOR TECHNOLOGY INNOVATION

### FAST SHINES ON THE WORLD STAGE

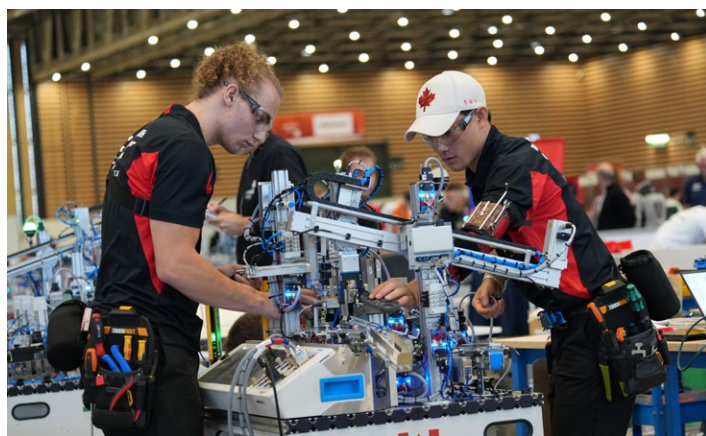
The Humber community came together to cheer on Paxton Coghlin and Dillon Kong at a send-off celebration for the two “superstars” who headed to the WorldSkills International Competition in Lyon, France.

Representing Canada’s Mechatronics Team, Paxton and Dillon proudly represented Humber on the world stage, competing against participants from 36 countries and with over 250,000 visitors in attendance.

Paxton, a student in Humber’s Electromechanical Engineering Technology program, and Dillon, a recent graduate, demonstrated their expertise in the Mechatronics division and earned a Medallion for Excellence for obtaining a high level of excellence with 700 or more points.

Humber stands out in Mechatronics, as the only North American post-secondary institution to win a medal in this category at WorldSkills International.

Congratulations to Paxton and Dillon, and a big thank you to the staff, faculty, and industry partners for helping bridge academia with real-world applications.



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## WANTED: SPEAKERS FOR THE FAST SYMPOSIUM SCHOLARLY AND PROFESSIONAL CONFERENCE

Have your voice and ideas heard! We are seeking speakers for the FAST Symposium: Scholarly and Professional Conference on Tuesday, October 22nd.

Co-chaired by Georges Livanos and Francis Syms, this is an opportunity for FAST members to engage and share scholarly activities, projects and research that you are interested in working on.

Tuesday, October 22nd

10AM – 3PM

Location: North Campus – Room NX111

Lunch and refreshments will be provided

All our welcome! If you are interested in participating, please contact Silvia Navarrete at [Silvia.Navarrete@humber.ca](mailto:Silvia.Navarrete@humber.ca)





## HOME SWEET HUMBER

### CELEBRATING AND SHOWCASING LIFE AT NORTH CAMPUS AND CARRIER DRIVE!

Humber Alumni gave back in a panel discussion on “Crafting Your Digital Footprint: From Capstone Success to Personal Branding.”

We extend our gratitude to panelists Simul Bista, Sachin Devdhar, Dhruvil Jayeshbhai Patel, Khushpreet Kaur Gulati and Juan Gutierrez for sharing their knowledge and advice with our students as they embark on their own capstone journeys. Shout out to Professor Meena Dowlani for organizing this impactful forum and to Amir Syed for moderating and engaging the audience with thoughtful questions.





## YOUNG AFRICA WORKS IN KENYA

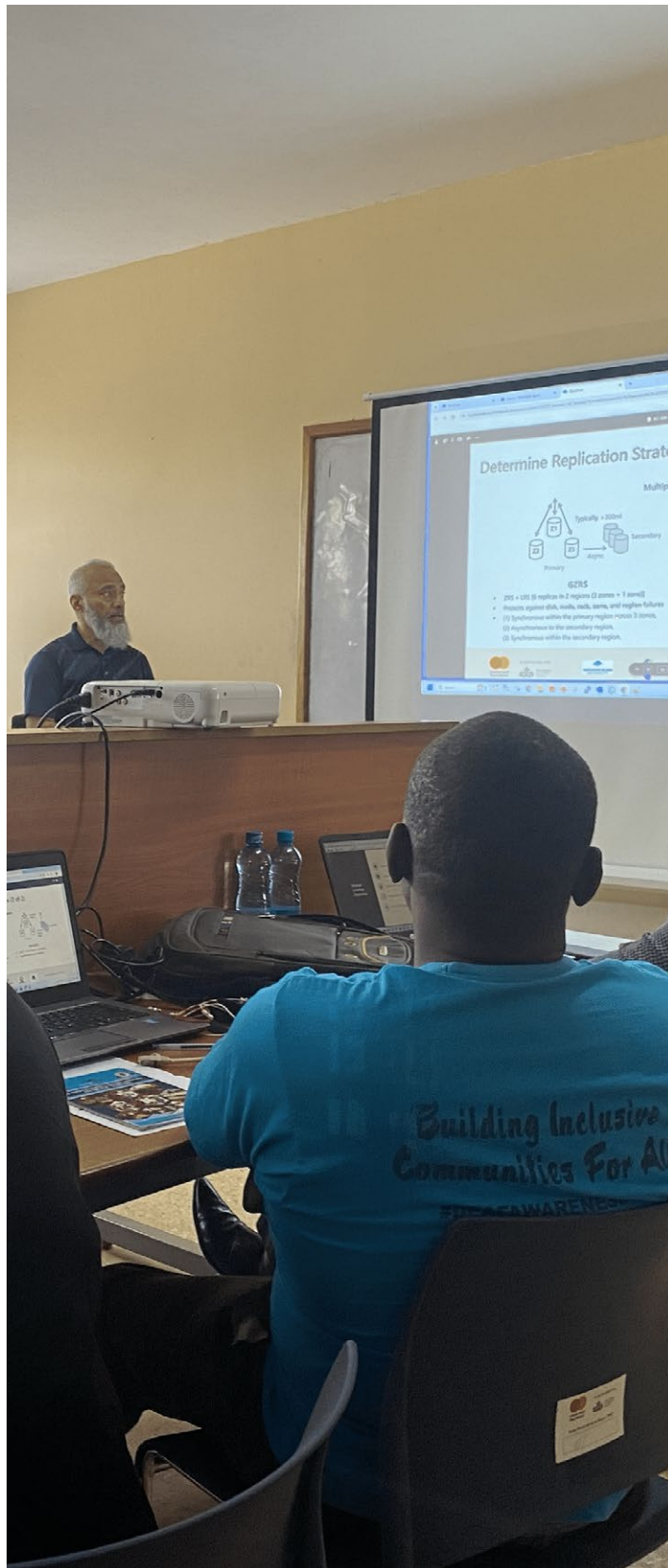
### FAST PROVIDES TVET-18 TRAINING

Under the Young Africa Works TVET-18 project, a partnership between Colleges and Institutes Canada and the Mastercard Foundation, FAST & FMCAD faculty delivered design & STEM training to trainers at Kenyan institutions Bondo Technical Training Institute, Sigalagala National Polytechnic, and their mentee institutions.

Asghar Ghori, CE Instructor, delivered in-person cloud computing training, specifically focused on the Microsoft Azure Platform to empower and enhance ICT trainers' knowledge and skills in cloud computing, understanding fundamental cloud computing concepts and aligning TVET education with industry demands to strengthen collaboration between the TVET system and the labour market.

Gabriel Albu, PT/PL faculty, led the virtual training for Kenyan trainers on Android Development/App Development to build an app implementing all essential functions. Trainers learned how to have a functional app and understand the inner workings of app development.

These trainings equipped Kenyan trainers with the current knowledge and skills to deliver the same training to their students. The collaboration and participation of FAST SMEs have contributed to a more robust TVET system and strengthened partnerships.





### FAST ENGAGES IN INDUSTRY FORUM

This past summer, Humber Polytechnic and Kenyan partners under the Young Africa Works in Kenya TVET-21 Project, hosted an Industry Engagement and Sustainability Forum in Nakuru, Kenya.

The forum brought together key stakeholders from the project to enhance collaboration between the technical and vocational education and training (TVET) system and industries, fostering sustainable growth and innovation in Kenya.

FAST Senior Dean, Dr. Paul Griffin, and Associate Dean & Principal of the Centre for Skilled Trades & Technology, Michael Auchincloss, were panelists at the event. Along with representatives from Kenyan industries and the Kenyan National Qualifications Authority, Paul and Michael discussed bridging the gap between education and industry and the changing responsibilities of Industry Advisory Committees (IACs) in Kenya and Canada.

During his session, Paul highlighted Humber's industry collaboration through strategic industry partnerships to foster innovation and employability and the institution's dedication to education excellence, which extends beyond industry collaborations to recognize the instrumental role donors play in Humber's growth and success and contributed to the success of the project.





### INDUSTRY PARTNERS COLLABORATE TO LAUNCH NEW MULTI-DISCIPLINARY PROJ 300 COURSE

This Fall, we launched a unique learning opportunity for students in the Architectural Technology, Civil Engineering Technology and Interior Design programs.

Printerra, a 3D Printing Concrete and Engineering Service has partnered with Humber to offer a special course this Fall 2024.

A student from each program are working together on a Residential Concept implementing 3D Printed Concrete (Additive Construction) design methods. Each student will learn from industry partners Printerra and Ten24Architecture through a series of guest lectures.

International partner institution, Saxion, will join classes virtually from the Netherlands, as a COIL opportunity with their research students. Together, classes will compare 3D printed concrete building practices in Canada and the Netherlands.



### IN THE FAST LANE

#### PROFESSOR'S PAPER PUBLISHED IN IEEE INTERNATIONAL SYMPOSIUM

Congratulations to Professor Dr. Baha Uddin Kazi whose paper has been presented and published in the 19th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB 2024).

Titled “Automated Hyperparameter Tuning and Ensemble Machine Learning Approach for Network Traffic Classification”, his paper focuses on leveraging and optimizing machine learning techniques to perform network traffic analysis and classification for decision-making.

Visit this [link](#) to read more.

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## UPCOMING EVENTS

### October 14

Thanksgiving  
Campus Closed

### October 16 & 17

Ontario College Fair  
Energize Centre

### October 21 - 25

Fall Reading Week  
No Classes. Campus is open


### November 7

FAST Convocation  
Toronto Congress Centre  
3PM

## WE WANT TO HEAR FROM YOU!

FAST TIMES recognizes and celebrates the achievements of our faculty and students. To share your successes with us, please submit stories and images to the Office of the Senior Dean, Julie Pasquin: [julie.pasquin@humber.ca](mailto:julie.pasquin@humber.ca)

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