2024 Schedule at a glance | Résumé du programme

Day 1 – June 3, 2024

8:00 - 9:00 — **Registration (Mezzanine)**

9:00-10:15

AI and Technology / IA et Technologie	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	Principled Design / Conception basée sur des principes
IS1: Tools for Design / Outils pour Conception	**T1: Issues in Technology-driven Learning Environments / Enjeux des Environnements Riches en Technologie**	**T2: Digital Strategies in the Classroom / Stratégies Numériques en Classe**	**T3: Innovation and Accessibility in STEM / Innovation et Accessibilité dans les STIM**	**IL1: Supporting Accessible Pedagogy / Soutien à la Pédagogie Accessible**	**IS2: Interdisciplinary Competency Development / Développement de Compétences Interdisciplinaires**
Program Flow: Leveraging CourseFlow for Program Management at Vanier College Aishwarya Nair, Max Salonine *Advancing Inclusive Education: Leveraging Emerging Technologies to Enhance Accessibility and Universal Design in Digital Learning Environments for Students with Disabilities from an Indian Perspective* Mathew Martin Poothullil	*The Link between Feedback and Performance in Multimodal Data: Preliminary Results of a Systematic Review* Chenxi Zhu, Yajie Song, Maria Cutumisu *Policies to enhance online learning in higher education during the post-pandemic era* Rasel Babu, Adam Dube *Transforming a MOOC on Online Courses to a Blended Course on Blended Learning for CEGEP Teachers: A Collaborative Process between Université de Montréal and Dawson College* Bruno Poellhuber, Nadine Samia Bekkouche, Fabien Brinjean, Mark Mattei, Chantale Giguère	*Video Rubrics: the academic and emotional benefits of an interactive editing tool* Tim Campbell *Creating Digital Experiences to Foster Collaborative Active/ Experiential Learning* David Hoida *Zettelkasten: Harnessing Note "Making" Technologies as Pedagogy* Justin Feng	*Developing an entrepreneurial mindset in engineering students through new modules integrated within existing courses* Katya Marc, Zinan He, Amanda Saxe, Michael Avedesian *Empowering Faculty for Inclusive STEM Instruction: Insights from a University Initiative* Victoria Marie Glynn, Diane Dechief, Charlene Lewis-Sutherland, Andrea Miller-Nesbitt *Teamwork, EDI in Engineering: Building interpersonal skills into technical courses* Renee Pellissier, Shay Heans-Moreyra	*Supporting Accessible Pedagogy: A Choose Your Own Adventure Technology Workshop* Josephine Guan, Ann Gagné	*Enhancing Statistical Literacy in Quebec's Colleges through Interactive Online Applications* Sandi Mak, Ivan T. Ivanov, Christian Stahn, Kevin Lenton, Quentin Van Ginhoven, Marie-Josee Bolduc, Catherine Cyr-Ganon *Crafting Quebec's Portrait of a Graduate: A Collaborative Vision for Our Graduates* Avery Rueb
Room: H-670	**Room: H-405**	**Room: H-420**	**Room: H-421**	**Room: H-625**	**Room: H-621**

10:15-10:30 — **Break (Mezzanine)**

10:30-11:45

From the Research Side / Résultats de recherche	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	Principled Design / Conception basée sur des principes
S1: Symposium: ALC Design / Conception de CLAAC	**T4: Insights from AI in Education Research / Recherche sur l'IA en Éducation**	**T5: New Perspectives on Assessment / Nouvelles Perspectives sur l'Évaluation**	**T6: Issues in Chemistry Education / Enjeux de l'Enseignement de la Chimie**	**T7: Accesibility through Technology / Accessibilité par la Technologie**	**IS3: Design considerations / Considérations de conception**
Lessons from a 15-year effort to develop Active Learning classrooms and pedagogical capacity at Dawson College. Chris Whittaker	*Developing Student Emotional Literacy through Rehearsals* Preeti Raman, Harjot Singh *Bilingual narratives: Probing media literacy in an AI world* Noga Broitman *Five Fresh Insights about the Role of Artificial Intelligence in Education* Giuliana Cucinelli, Saul Carliner	*Rethinking Assessment: Exploring the Potential of Gradeless Learning* Yusuf Josiah *Not just another entry point: Using a podcast to draw connections between assessment for learning and student well-being* Margo Echenberg, Jasmine Parent *Ungrading Successfully Improved Physics Student Writing in Two Instances of a Physics in Society Course* Garrick Burron, Carolyn Sealfon	*Greening Chemistry Labs* Kim Silkauskas *A modular and engaging approach to the Suzuki reaction for the undergraduate organic chemistry laboratory* Danielle Vlaho, Mitchell Huot, Alexei Kieran, Gagan Daliaho *It Takes a Village! A Community-driven Approach to Developing Teaching Assistants as Educators* Stephen George, Laura Pavelka, Véronique Brulé, Janette Barrington, Marcy Slapcoff	*A Pocketful of Tools: Mobile Solutions to Bring to the Internship* Alice Havel, Susie Wileman, Catherine Fichten, Mary Jorgensen *The Impact of Marginalization and Intersectionality on Post-Secondary Students with Disabilities' Use of Assistive Technology: A Scoping Review of the Literature* David Pickup, Evgueni Borokhovski, Richard F. Schmid, Christine Vo, Fichten Catherine *Making PowerPoint, Excel, Google Docs, and Teams More Accessible to Your Students* Catherine Fichten, Roberta Thomson, Alice Havel, Susie Wileman	*Designing for Interdisciplinary Education* Kevin Lenton, Elizabeth Charles, Annie-Hélène Samson, Selma Hamdani, Mathilde Hitier, Michael Dugdale, Sean Hughes, Rhys Adams, Karl Laroche, Jean-François Brière *Introducing VIRTmac: an innovative digital platform for biology & biochemistry education.* Lorie Mills, John MacLellan, Martha Mullally
Room: H-621	**Room: H-405**	**Room: H-420**	**Room: H-421**	**Room: H-613**	**Room: H-431**

11:45-13:00 — **Lunch**

13:00-13:30 — **Welcome**

13:30-14:45 — **Keynote H-110**

14:45-15:45 — **Poster Session (Mezzanine)**

15:45-17:00

AI and Technology / IA et Technologie	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	From the Research Side / Résultats de recherche
IS4: Exploring and expanding the use of AI / Explorer et étendre l'utilisation de l'IA	**S2: Skills of the Future / Compétences de l'avenir**	**IL2: AL Best Practices / Meilleures pratiques**	**IS5: Teaching with technology / Enseignement avec la technologie**	**IS6: Deepening in-class discussions / Approfondissement des discussions en classe**	**T8: Insights from Current Research / Perspectives issues de la recherche actuelle**
Enhancing Transversal Skills with AI: A New Path for Collaboration Avery Rueb, Neerusha Baurhoo Gokool *Enhancing Moodle with Generative AI: Transforming Educational Experiences* Rafael Scapin, Cameron Campbell	*Enriched Learning with 21st Century Transferable Skills* Steven Henle, Megan Marcoux, Janette Barrington, Susan T. Dinan, Sandra Gabriele	*Best practices for group work, self-, peer-assessment, self-reflection* Hélène Nadeau, Sylvia Cox	*Plateformes électroniques à distance (PEAD) pour les cours en génie électrique* Mamane Moustapha Dodo Amadou, Mustapha Rafaf, Lyne Woodward, Richard Al Hadi, Maarouf Saad, Vahe Nerguizian *Bridging Classroom and Co-Curricular Learning with Arduino* Joel Trudeau, Andrew Stewart	*Building Class Communities* Carolyn Sealfon *Designing a faculty learning community to foster equitable, inclusive classroom discussions* Jennie Ferris, Mithura Sanmugalingam	*Rethinking the makerspace ethos in K-12 educational spaces: Implementing the makingspace to promote active learning* Lynda Yearwood *An Exploration of Students' Course Interest in EFL Flipped Classrooms* Sara Djamàa *Studying the interaction between academic performance, student motivation profiles, metacognition, and learning strategies with machine learning* Emma Tomiuk, Armin Yazdani
Room: H-625	**Room: H-420**	**Room: H-621**	**Room: H-670**	**Room: H-431**	**Room: H-421**

Day 2 – June 4, 2024

8:00 - 9:00 — **Registration (Mezzanine)**

9:00-10:15

AI and Technology / IA et Technologie	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	Principled Design / Conception basée sur des principes
IL3: Roboethics / Roboéthique	**T9: Harnessing Generative AI / Exploiter l'IA Générative**	**T10: Integrating New Technologies / Intégration de Nouvelles Technologies**	**IL4: Active Learning in STEM / Apprentissage Actif dans les STiM**	**T11: Student Well-being, Participation, and Performance / Bien-être, Participation et Performance des Étudiants**	**T12: From Student-Centered to Program-Driven Approaches / Approches Axées sur les Étudiants et le Programme**
Learn Roboethics: Introducing a non-technical interactive teaching module designed for all Rahatul Amin Ananto, Shalaleh Rismani, Christopher Yee Wong, Lixiao Zhu, Ajung Moon"	*Transparency in AI Integration: Sharing AI-Prompts to Enhance Learning* Bobby Connolly *Using chatbots in a discussion board assignment* Elizabeth Hirst *Transforming Education in the Age of Generative AI* Maha Daoud	*Experiential, immersive learning at the Library: Navigating opportunities of course-integrated VR* Melissa Rivosecchi, Hélène Brousseau *Discord, Modded Minecraft and Pedagogy in the Flipped Classroom* Darren Wershler, Bart Simon *Virtual Reality as a Pedagogical Tool in Science: Implementation of Educational Games at Dawson College* Annie-Hélène Samson, Jean-François Brière, Yann Brouillette, Christine Marquis, Sébastien Wall-Lacelle"	*Diving into Interactive Learning: Playing Tailored Educational Video Games in College Physics and Biology Courses* Nadim Boukhira, Neerusha Baurhoo Gokool	*Benefits of Improved Self-Efficacy in Recreation Activity Leadership Students* Heather Martin *Champlain College Millennium Certificate Program: Technology Supported Pedagogical Expansion* Amanda Perry, Gabriel Flacks *The Relationship between Chinese Students' Well-being, Mathematics in PISA 2018* Yajie Song, Yimei Zhang, Maria Cutumisu	*Enhancing Educational Gaming through Design Sprints: Insights from University Classroom on Collaboration, Cooperation, Growth, and Failure* Giuliana Cucinelli *Unlocking the connection between motivation, achievement: enhancing students' engagement with STEM education* Neil MacIntosh, Anila Asghar *Using CourseFlow to (Re) vision Programmes Aligning to Professional Competencies: Benefits, Challenges* Eva Mary Bures
Room: H-621	**Room: H-405**	**Room: H-420**	**Room: H-625**	**Room: H-421**	**Room: H-613**

10:15-10:30 — **Break (Mezzanine)**

10:30-11:45 — **Keynote H-110**

11:45 - 13:15 — **Lunch**

13:15-14:30

AI and Technology / IA et Technologie	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	From the Research Side / Résultats de recherche
IS7: Tools for Deeper Learning / Outils pour un Apprentissage Approfondi	**T13: AI Integration in College Education / Intégration de l'IA au Collegiale**	**T14: Teaching and Learning Stragegies / Stratégies d'Enseignement et d'Apprentissage**	**IL5: Problem-Based Learning / L'apprentissage par Problème**	**IL6: Designing for Sustainability / Concevoir pour la Durabilité**	**T15: Connecting Theory to Practice / Relier la Théorie à la Pratique**
La Triade: un projet interdisciplinaire dans le programme Arts, lettres et communication Hélène Rompré, Yvan Tétreault, Marc André Barsalou *Empowering Climate Change Education with En-ROADS* Eric Francoeur	*Exploring college students' errors in derivatives to construct an AI-based support system for calculus courses* Jonathan Morcos, Neerusha Baurhoo Gokool *Future-Ready Education: Highlights from Dawson College's AI Curriculum Toolkit* Joel Trudeau, Robert Stephens *Learning groups with professionals in a community of practice to apprehend the emergence of AI: A case study of the model at the Réseau REPTIC* Marco Guilbault, Nathalie Bastien	*De la classe inversée à la classe redressée* Radhi Mhiri, Faten M'Hiri *Innovation within ancient tradition: experiments in Latin teaching* Lauren Kaplow *Skill Bridge: Integrating Rich Skills Descriptors (RSD) into Active Learning for Enhanced Employability* Amine Rahj	*Using socio-constructivist pedagogical approaches to integrate science and health education: empowering youth to promote their wellbeing through problem-based learning* Neil Macintosh, Anila Asghar	*Integrating principles of environmental and sustainability education into curriculum design* Stephanie Leite, Jessica Latus	*Using 3D Printing to Foster Self-Directed Learning in Adolescents: Initial Insights from School-Based Research* Heather A. Pearson, Adam K. Dubé *Enhancing equity across foundational science courses.* Martha Mullally, Iain McKinnell *Analyzing, Addressing Students' Conceptual Understanding of Uncertainty in Experimental Physics Laboratory Courses* Rebecca Brosseau, Matheus Azevedo Silva Pessoa, Armin Yazdani, Jack Sankey, Marcy Slapcoff
Room: H-670	**Room: H-420**	**Room: H-421**	**Room: H-431**	**Room: H-621**	**Room: H-613**

14:30-14:45 — **Break (Mezzanine)**

14:45-16:00

AI and Technology / IA et Technologie	AI and Technology / IA et Technologie	Improving Practice / Amélioration des pratiques	Focus on STEM / Accent sur les STIM	Exploring Breadth / Exploration de la Diversité	Principled Design / Conception basée sur des principes
IL7: Exploring AI / Exploration de l'IA	**IL8: Virtual Reality / Réalité Virtuelle**	**S3: SALTISE Fellows Symposium / Symposium des Fellows de SALTISE**	**IL9: Case Studies / Étude de cas**	**IL10: Classroom Challenges / Défis en Classe**	**S4: Gamifying Science Eduction / Gamifier l'Enseignement des Sciences**
Tinkering with AI with Scratch and the Micro:Bit Chris Colley, Christine Truesdale, Lexi Tucker	*Jumping the Barrier: Using Virtual Reality to Teach Science* Yann Brouillette, Jean-François Brière, Annie-Hélène Samson, Sébastien Wall-Lacelle, Christine Marquis	*Supporting instructors teaching en francais in multi-level classrooms* Beth Acton, Valerie Bherer, Karine Guay, Selma Hamdami, Phoebe Jackson, Nicholas Park, Cathy Roy, Maxim Salonin	*Taking case studies to new heights: Empowering students to create case studies as an assessment tool for enhanced learning* Laura Pickell, Karina Hamilton, Nicola Leppinen, Kayla Randles, Nalini Broadbelt	*Empathy-based Approaches to Dealing with Challenging Moments in the Classroom* Naj Sumar	*Gamifying CEGEP Science Education: Exploring Tailored Educational Video Games for Enhanced Classroom Learning in Physics, Biology and Chemistry* Neerusha Baurhoo Gokool, Nadim Boukhira, Tania Peres
Room: H-431	**Room: H-621**	**Room: H-670**	**Room: H-625**	**Room: H-420**	**Room: H-421**

16:00-17:30 + — **Awards & Cocktail**

End of the 13th Annual Conference -
Thank you and have a wonderful summer!