PROGRAM
2018 Knowledge Building Summer Institute
Knowledge Building: A Place for Everyone in a Knowledge Society
Knowledge Building International &
Institute for Knowledge Innovation and Technology (IKIT)
August 14-17, 2018 – Toronto, Ontario, Canada

DAY 1: Tuesday, August 14, 2018

Time	Description	Design Experiment
8:30-9:00	**Registration and Breakfast at OISE/University of Toronto** ***Location:*** *Library (Ground floor)*	**8:30-9 Registration and Breakfast** ***Location:*** *Library* *IKIT helpers: Ahmad, Gaoxia*
9:00-9:15	**Plenary Session: Welcome and Introductions** Stacy Costa ***Location:*** *Library (Ground floor)*	**9-9:15 Welcome and Introductions** ***Location:*** *Library* *IKIT helpers: Ahmad, Gaoxia*
9:15-10:30	**Design Experiments to Advance Knowledge Building Frontiers** Pervasive Knowledge Building, Knowledge for Public Good, and Knowledge Building Analytics Marlene Scardamalia Design Thinking in School Subjects Carl Bereiter ***Location:*** *Library (Ground floor)*	**9:15 – 10:30 Team Introductions; Agenda for Week; Review Existing Ideas and Explore New Questions** ***Location:*** *5-230 (5th floor)*
10:30-10:45	**Break**	**10:30-10:45 Break**
10:45-12:00	**Knowledge Building Research Institute (KBRI): Introduction** Carl Bereiter and Marlene Scardamalia Knowledge Building has recently been recognized as the most active research interest of learning scientists and Knowledge Forum "the most widely used CSCL technology worldwide to date" (Wikipedia). But leading edges do not stay leading edge for long in these changing times. KBRI is being formed as a public institute to allow us to stay on the right side of the innovation curve in theory, pedagogy, and technology. We have begun to hire staff with the goal of magnifying your contributions and to provide better support for the international Knowledge Building community. In this session we discuss goals, ways members of the larger Knowledge Building community can contribute to and draw benefit from KBRI, and charitable and business activity. This will be a brief introduction to KBRI as currently conceived; there will be time for follow-up discussion at our business meeting Friday. Throughout KBSI2018 we will identify leading-edge challenges to be refined by working groups so that we leave on Friday, August 17, with plans for what KBRI should accomplish by the time we meet again, at KBSI2019. ***Location:*** *Library (Ground floor)*	**10:45-12:00 Prepare for Visit to Legislative Assembly; Knowledge Forum Tutorial for Mobile Devices** (KB/KF work) ***Location:*** *5-230 (5th floor)*

12:00-1:00	**New Opportunities for the Advancement of Knowledge Building** Continuing and Professional Learning, OISE/University of Toronto Wendy Baker, Michael Cassidy, Elisabeth Rees-Johnstone Knowledge Building as Part of a Comprehensive Child Well-Being Strategy Jean Clinton Meaningful Use of New Sources of Data for Knowledge Building Seng Chee Tan Learning Sciences International Grant Chin-Chung Tsai Creative Thinking OECD 2021 Marlene Scardamalia *Location: Library (Ground floor)*	**12:00-1:00 Lunch** *Location: Library*
1:00-2:00	**LUNCH at OISE/UT AND POSTER SET UP** *Location: Library (Ground floor)* The "Nexus" lounge on the 12th floor will also be available for KBSI participants to go to during lunch times and throughout the day. It's a lovely space to retreat to, to have quiet time, small-group meetings, and to enjoy a view of the city.	**1:00-1:20 Walk to Legislative Building** **1:20-1:30 – Check-in at Legislative Assembly**
	Parallel Sessions	

| 2:00-3:00 | **Collaboratory Workshop (Part 1 - Demo)**
Renato Carvalho, OISE/University of Toronto, IKIT, Canada, Mei-Hwa Chen, Ninad Chaudhari, Karan Sheth, The State University of New York at Albany, USA, & Brian Zijlstra, OISE/University of Toronto, IKIT, Canada.

Location: Library | **Building Innovative Capacity: Knowledge Building in Professional Learning Contexts**
Chair: Chew Lee Teo
Location: 5-240 (5th floor)

The Boundaries of Knowledge Society to Prepare Teachers in Iran. *Mahmoud Talkhabi, Farhangian University, Iran, Erfane Ghasempour Kholshroodi, University of Tehran, Iran, Ahmad Khanlari, OISE/University of Toronto, IKIT, Canada, Elahe Ghasempour Khoshroodi, Islamic University of Arak, Iran.*

ViSuAl The Video Supported Collaborative Learning Knowledge Alliance Erasmus+ (EU)-project. *José Ramos, Universidad de Evora, Portugal, Frank de Jong, Aeres University of Applied Sciences Wageningen, Netherlands, Maaike Vonk, Ruis Espadeiro, Alberto Cattaneo, Ali Leijen, Sirpa Laitinen-Vaananen, Eila Burns, Marije Bent, Narda Tiebosch, & Hinno Bel.* | **Knowledge Building and Diverse Learners: Collective Responsibility for All**
Chair: Carol K. K. Chan
Location: 5-250 (5th floor)

Getting Started with Knowledge Building-Student Voices and Perspectives in the Junior and Intermediate Classroom. *Bijan Nagji and Christine Vanderwall, PL Robertson PS, Halton District School Board (HDSB), Ontario, Canada.*

Building Knowledge and Community Well-being. *Suzana Milinovich, Tiffany Hills PS, Hamilton-Wentworth District School Board (HWDSB), Ontario, Canada.*

Developing Low-Achieving Students' Understanding and Engagement in Productive Discourse through Meta-Talk in Knowledge Building. *Yuyao Tong, Carol K. K. Chan, The University of Hong Kong, Hong Kong.* | **1:30-3:00 Legislative Assembly Tour** |

		A Case Study in 21st Century Teaching & Learning: Getting It Right or Getting It Started? *Sandy McAuley, University of Prince Edward Island, PEI, Canada.*	
3:15-4:15	**Collaboratory Workshop (Part 2 - Design Hack)** *Facilitators: Renato Carvalho, OISE/University of Toronto, IKIT, Canada, Mei-Hwa Chen, Ninad Chaudhari, Karan Sheth, The State University of New York at Albany, USA, & Brian Zijlstra, OISE/University of Toronto, IKIT, Canada.* *Location: Library*	**The Leading Student Achievement Project: Lessons for Long-Term Success** **Chair:** *Seng Chee Tan* ***Location:*** *5-240 (5th floor)* Knowledge Building and the Leading Student Achievement Project: An Ontario Story. *Linda Massey (OPC), Mary Cordeiro (CPCO), Ginette Huard (ADFO), Karen Dobbie (HCDSB), Elaine Hine (LSA), Monica Resendes (LSA), Leanne Ma (LSA), Ontario, Canada.*	**3:00-3:30 Knowledge Forum Work at Legislative Assembly**
4:15-4:50	**Daily Wrap Up & Reflection on Design Experiment** ***Location:*** *Library (Ground floor)*		
5:00-6:30	**Welcome Reception** ***Location:*** *The Brew-Ha-Ha @ the Duke of York (39 Prince Arthur Ave.—See your invitation)*		

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DAY 2: Wednesday, August 15, 2018

Time	Description			Design Experiment
8:30-9:00	**Registration and Breakfast** ***Location:*** *Library (Ground floor)*			**8:30-9:00 Breakfast** *IKIT helpers: Monica and Leanne*
9:00-9:15	**Design Experiment Update** ***Location:*** *Library (Ground floor)*			**9:00-9:20 Knowledge Building Circle – Reflections on Visit**
	Parallel Sessions			
9:30-10:30	**Scalability and Sustainability of Knowledge Building** ***Chairs:*** *Sandy McAuley* ***Location:*** *Library (Ground floor)* Creating Cultural and Epistemic Carryovers through Interplay of Policy-Practice-Research to Sustain Idea-centric Practices: A Principal's Contribution. *Chew Lee Teo, National Institute of Education, Edwin Chan, Teck Whye Secondary School, Singapore.* Knowledge Building and the Practical Design Principles in the Master Learning and Innovation of Aeres Applied University. *Lia Spreeuwenberg, Frank de Jong, Niek van Benthum, & Hennie van Heijst, Aeres University of Applied Sciences Wageningen, Netherlands.* Designing for Collective Responsibility for Teacher Learning. *Deidre Wilson, Upper Grand District School Board (UGDSB), Ontario, Canada.* Knowledge Building Evaluation of Programs. *Cesar Nunes, University of Campinas, Brazil.*	**Promoting Productive Discourse** ***Chair:*** *Pirita Seitamaa-Hakkarainen* ***Location:*** *5-240 (5th floor)* Offline Group-Level Knowledge Building Discourse in a Large Community. *Xueqi Feng, Jan van Aalst, Carol K.K. Chan, The University of Hong Kong, China.* Multi-Modelling Dialogic Skills: The Use of Multiple Resources to Support Classroom Dialogue. *Anja Skrepstad Amundrud, University of Oslo, Norway.* Promoting Students' Participation in Classroom Discussions through Knowledge Building Circle. *Chaonghong Yin, Yibing Zhang, Yujie Chen, Nanjing Normal University, China.*	**Cultivating a Design Mindset** ***Chair:*** *Kwok-Wing Lai* ***Location:*** *5-250 (5th floor)* Getting into Design Mode - Strategies for Educators. *Pieter Toth, Dundas Valley SS, Hamilton Wentworth District School Board (HWDSB), Ontario, Canada.* Building on Design Thinking: Pedagogical challenges and *Titanic* solutions. *Paul J. McElheron, Center for Research & Development, VIA Design & Business, Denmark.*	**9:20-10:30 Knowledge Building/Knowledge Forum Work** in OISE PC Lab#2 (3rd Floor) *IKIT helpers: Monica and Leanne* **10:30-10:45 Break**

| 10:45-11:45 | **Spreading Knowledge Building: From Schools to Districts**
Chair: Thérèse Laferrière
Location: Library (Ground floor)

Knowledge Building in Halton – A Journey of Innovation – Creating Lasting Cultures of Knowledge Creation in Classrooms and Schools. *Rob Iannuzzi, Emily Horner, & Lori Belford, Sam Sherratt PS and PL Roberston PS, Halton District School Board (HDSB), Ontario, Canada.*

Knowledge Building in Renfrew. *Lizanne Lacelle and Sherrie Wylie, Renfrew County District School Board (RCDSB), Ontario, Canada.*

Knowledge Building in Hamilton - From Two Schools to ONE School Vision: A Knowledge Building Journey. *Em Del Sordo, Dundas Valley SS, Hamilton-Wentworth District School Board (HWDSB), Ontario, Canada.*

Creating a Pervasive Knowledge Building Culture: The Story of Sir Ernest MacMillan Public School. *Karen Must, Sir Ernest MacMillan PS, Halton District School Board (HDSB), Ontario, Canada.* | **Discourse Analysis**
Chair: Richard Reeve
Location: 5-240 (5th floor)

How are Ideas Advanced?: A Multifaceted Investigation of Discourse in Knowledge Building. *Hyejin Park, Jianwei Zhang, The State University of New York at Albany, USA.*

The Use of Knowledge Building Scaffolds by Grade 7 Students. *Gaoxia Zhu, OISE/University of Toronto, IKIT, Chew Lee Teo, National Institute of Education, Singapore, Ahmad Khanlari, OISE/University of Toronto, IKIT, Shahizah Bte Mohd, Ping Yi Secondary School, Singapore.*

The Impact of Brokers towards Students' Knowledge Growth in Knowledge Building. *Yujie Chen, Yibing Zhang, Changhong Yin, Nanjing Normal University, China.* | **Improvable Ideas, Co-invention, and Classroom Perspectives**
Chair: Stefano Cacciamani
Location: 5-250 (5th floor)

Growing a Culture of Improvable ideas in a Grade 8 KB Classroom. *Jason Frenza, Halton Catholic District School Board (HCDSB), Ontario, Canada*

Idea Generation and the Shared Epistemic Object of Knowledge in an Artifact-Mediated Co-Invention Project. *Sini Riikonen, Pirita Seitamaa-Hakkarainen, Kai Hakkarainen, University of Helsinki, Finland.*

Seeking Purpose Beyond Learning as Knowledge Building. *Niall Mackinnon, Avernish Prospect, United Kingdom.* | **Journal of Learning Sciences Webinar**

Co-organizing the Collective Journey of Knowledge Building with Idea Thread Mapper. *Jianwei Zhang & Mei-Hwa Chen, The State University of New York at Albany, USA, Katherine Bielaczyc, Clark University, USA, Keith Sawyer, University of North Carolina at Chapel Hill, USA.* | **10:45-11:00 Research Design Team Intervention**
Location: 5-230 (5th floor)

11:45-12:00 Overview of Visit to The Michener Institute of Education at University Health Network
Location: 5-230 (5th floor) |
| 12:00-1:00 | **Pizza Lunch and Poster Session**
Location: Library (Ground floor)

#13- The Intellectual Structure of Empirical Knowledge Building Studies Published in the Selected Journals from 2006 to 2017: A Co-citation Network Analysis. *Ying-Tien Wu, National Central University; Kai-Yu Tang, Ming Chuan University, Taiwan.*
#14- 5th Graders Building Knowledge in a Science Class. *Pei-Yi Lin, Huang-Yao Hong, National Chengchi University, Taiwan; Ching Sing Chai, Hong Kong Chinese University, China.*
#17- Knowledge Forum as Qualitative Research Platform. *Yoshiaki Matsuzawa, Aoyama Gakuin University, Japan.*
#26- Designing for Knowledge Building: An Action Research Study in an Elementary Classroom. *Robin Parker, University of Calgary, Alberta, Canada.*
#30- The 'Progressive Design Method' Development: How to Promote Students' Participation in Blended University Courses. *Stefano Cacciamani, University of Valle d'Aosta, Italy.*
#31- Exploring Novice Teachers' Reflections and Design Practices on Knowledge-Building in Junior High School Classrooms. *Pei-Yi Lin, National Chengchi University, Taiwan; Yu-Hui Chang, Bodong Chen, University of Minnesota, USA.* | | | | **12:00-12:30 Lunch in Library**

12:30-1:00 Walk/Transit to The Michener Institute of Education at University Health Network |

#37- Knowledge Building and Vocabulary Growth in English: A Case Study. *Ahmad Khanlari, Gaoxia Zhu, OISE/University of Toronto, IKIT, Canada; Chew Lee Teo, National Institute of Education, Singapore.*

#39- Knowledge Improvement Cycle and Map: Scaffolding the Grasp of the KB Principle, Improvable Ideas, Through Visualizations. *David Groos, University of Minnesota, Minneapolis Public Schools; Bodong Chen, University of Minnesota, USA.*

#41- Knowledge Building and Professional Learning. *Rema Passarelli, OISE/University of Toronto, Canada.*

#50- Lens of a Knowledge Building Practitioner: Enhancing Teaching and Learning of Music. *Melvin Chan, Anthony Hong Chua, Teck Whye Secondary, Chew Lee Teo, National Institute of Education, Singapore.*

#59- Engaging Students in Authentic Science Through Knowledge Building Using Virtual World. *Min Lee, The University of Hong Kong, China.*

#60- Extending Knowledge Building Discourses Through Cross Community Collaborations. *Guangji Yuan, Jianwei Zhang, University at Albany, The State University of New York at Albany, USA.*

#63- Knowledge Building in a Parenting Education Community. *Qian Jie, School of Education, Nanjing Normal University, China.*

#73- Knowledge Building: Indices of Impacting Builders to Assess the Collective Cognitive Responsibility. *Calixto Gutiérrez-Braojos, University of Granada, Spain; Leanne Ma, OISE/University of Toronto, IKIT; Jesús Montejo-Gámez, University of Granada, Spain; Bodong Chen, University of Minnesota, USA.*

#74- Knowledge Building Research: Transience, Continuance and Core Authors. *Calixto Gutiérrez-Braojos, Jesús Montejo-Gámez, Fátima Poza-Vilches, University of Granada, Spain.*

#76- Contribution to the Archaeoschool Virtual Museum Through the Incorporation of a Baroque Hall with Representative Objects from the Cholula Area, located in Puebla, Mexico. *Oscar Hernandez, Iris Caballero, Karina Ramos, San Diego School A.C., Mexico.*

#78- Knowledge Forum® as Knowledge Development Environment in a Community of Practice. *Gerrit Veldman, Frank de Jong, Aeres University of Applied Sciences Wageningen, Netherlands.*

	Parallel Sessions		
1:00-2:00	**Knowledge Building Analytics: From Analysis to Actionable Insights. (Part 1)** *Chair: Chin-Chung Tsai* *Facilitators: Bodong Chen, Gaoxia Zhu, Yu-Hui Chang* *Location: Library (Ground floor)* Introduction: History and Challenge. *Bodong Chen, University of Minnesota, USA, Gaoxia Zhu, OISE/University of Toronto, IKIT, Canada.* Measuring Innovation in Knowledge Building Communities. *Leanne Ma, OISE/University of Toronto, IKIT, Canada.* Idea Diversity Index. *Ahmad Khanlari, OISE/University of Toronto, IKIT, Canada.* Facilitating Identification of Promising Ideas Through Analytics and Machine Learning. *Seng Chee Tan, & Alwyn Vwen Yen Lee, National Institute of Education, Singapore.* Exploring How Emotions Interact with Idea Improvement in Knowledge Building Circles. *Gaoxia Zhu, & Stacy Costa, OISE/University of Toronto, IKIT, Canada, Wanli Xing, & Bo Pei, Texas Tech University, USA.*	**Crossing Boundaries: Knowledge Building Across and Beyond the Curriculum** *Chair: Kate Bielaczyc* *Location: 5-240 (5th floor)* Knowledge Building as a Way of Classroom Life! *Emily Horner and Lori Belford, Sam Sherratt PS and PL Roberston PS, Halton District School Board (HDSB), Ontario, Canada.* Citizens in the Making: An Interdisciplinary Knowledge Building Approach in Citizenship Education. *Melvin Chan, Anthony Hong Chua, Teck Whye Secondary School, Chew Lee Teo, National institute of Education, Singapore.* An Integrated Inquiry about Energy and Environmental Issues in a Grade 5 Classroom. *Derya Kici, OISE/University of Toronto, IKIT, Tanya Demjanenko, Dr. Eric Jackman Institute of Child Study Lab School, Montana Kleinman, University of Toronto, Jianwei Zhang, The State University of New York at Albany, USA.*	**1:00-4:00 Visit and Knowledge Forum Work at The Michener Institute of Education at UHN**

	Identifying Idea Friends. *Xueqi Feng, University of Hong Kong, Hong Kong.*	
2:15-3:15	**Knowledge Building Analytics: From Analysis to Actionable Insights. (Part 2)** *Chair: Huang-Yao Hong* *Facilitators: Bodong Chen, Gaoxia Zhu, Yu-Hui Chang* *Location: Library (Ground floor)* Collaborative design session to advance themes of Knowledge Building analytics.	**Crossing Boundaries and Bringing Communities Together** *Chair: Yibing Zhang* *Location: 5-240 (5th floor)* Cross-Continent Collaboration – An Experiment with Two Cultural Marketing Classes in Ontario and Singapore. *Pieter Toth, Dundas Valley SS, Hamilton-Wentworth District School Board (HWDSB), Ontario, Canada; Melvin Chan, Anthony Hong Chua, Teck Whye Secondary School, MOE, Chew Lee Teo, National institute of Education, Singapore.* Learning from Cross-Boundaries in Knowledge Building Communities with the Support of Idea Thread Mapper. *Guangji Yuan, Jianwei Zhang, Mei-Hwa Chen, The State University of New York at Albany, USA, Patricia Gagnon, Stacy Kirk, Guilderland Elementary School, USA.* One Bloody Thing After Another: Barriers to Knowledge Building among Hematopathology Residents in Two Countries. *Rumina Musani, Toronto General Hospital/University of Toronto /University Health Network, Donald Neil Philip, Toronto Rehabilitation Research Centre, Canada.*	
3:15-4:15	**Global Innovation Network: The Leadership Factor** *Chair: Ann Russell* *Location: Library (Ground floor)* *Thérèse Laferrière, Université Laval, Quebec, Canada.* *Cesar Nunes, University of Campinas, Brazil.* *Linda Massey (OPC), Mary Cordeiro (CPCO), Ginette Huard (ADFO), Ontario, Canada.* *Chew Lee Teo, National Institute of Education, Singapore.*	**STEM, Robotics, and Networked Schools** *Chair: Fernando Diaz del Castillo* *Location: 5-240 (5th floor)* How Knowledge Forum Enhances the Math Classroom! *Darlene Martin, St. Anne Catholic PS, Halton Catholic District School Board (HCDSB), Ontario, Canada.* Project Innovation – Math and Robotics. *Suzie Milinovich, Tiffany Hills PS, Hamilton Wentworth District School Board (HWDSB), and Ahmad Khanlari, OISE/University of Toronto, IKIT, Canada.* Sphero Innovation Network – An Experiment in Cross-School Collaboration. *Emily Horner and Lori Belford, Sam Sherratt PS and PL Robertson PS, Halton District School Board (HDSB), Ontario, Canada.*	
4:15-4:45	**Daily Wrap Up & Reflection on Design Experiment** *Location: Library (Ground floor)*	

DAY 3: Thursday, August 16, 2018

Time	Description			Design Experiment
8:30-9:00	**Registration and Breakfast** *Location: Library (Ground floor)*			**8:30-9 Breakfast** – Library at OISE *IKIT helpers: Gaoxia + Monica*
9:00-9:20	**Design Experiment Update** *Location: Library (Ground floor)*			**9:00-9:20 Knowledge Building Circle - Reflection on Visit**
	Parallel Sessions			
9:30-10:30	**Analyse-Reflect-with-Technology: Knowledge Building & Learning Analytics in Curriculum, Pedagogy and Assessment of 21st Century Competencies. (Part 1).** **Chair:** Chriss Bogert ***Location:*** *Library (Ground floor)* Research-Teacher Team from Singapore. *Chew Lee Teo, National Institute of Education, Melvin Chan, Anthoy Chua, Teck Whye Secondary, Singapore.* Research-Teacher Team from Hong Kong. *Carol K. K. Chan, Xueqi Feng, Yuyao Tong, The University of Hong Kong, Hong Kong.*	**Designs to Foster KB Discourse and Metadiscourse** ***Chair:*** *Donald Neil Philip* ***Location:*** *5-240 (5th floor)* Collaborative Annotations in Knowledge Forum: How to Transform Knowledge & "Static" Learning with Students. *Stacy Costa, OISE/University of Toronto, IKIT, Canada.* Designs for Visualizing Emergent Trends in Ideas during Community Knowledge Advancement. *Leanne Ma, OISE/University of Toronto, IKIT, Canada.* Emerging Concepts for Co-Designing Technology for Dialogic Practices – the case with Talkwall. *Ole Smørdal, University of Oslo, Norway.*	**Schoolwide Cultures for Idea Improvement** ***Chair:*** *Cesar Nunes* ***Location:*** *5-250 (5th floor)* Knowledge Building Buddies – Growing Connections Between Students within a School. *Lorellie Munson, Stephanie DiMascio, and Stephanie Dodaro, Mackenzie Glen PS, York Region District School Board (YRDSB), Ontario, Canada.* Transformation of Teachers through Knowledge Building: Utilizing a "Growth Mindset" in a Secondary School. *Derya Kici, Marlene Scardamalia, OISE/University of Toronto, IKIT, Canada.* Growing KB Networks from the Ground Up - An Ontario Story. *Allie Jarvis, Pieter Toth, Hamilton-Wentworth District School Board (HWDSB), Ontario, Canada.*	**9:20-10:30 Work on Knowledge Building/Knowledge Forum** ***Location:*** *OISE PC Lab#2 (3rd Floor)* *IKIT helpers: Gaoxia + Monica* **10:30-10:45 Break**
10:45-11:45	**Analyse-Reflect-with-Technology: Knowledge Building & Learning Analytics in Curriculum, Pedagogy and Assessment of 21st Century Competencies. (Part 2).** **Chair:** Ying-Tien Wu ***Location:*** *Library (Ground floor)*	**Knowledge Building, Anytime, Anywhere** ***Chair:*** *Yoshiaki Matsuzawa* ***Location:*** *5-240 (5th floor)* Towards the Realization of a Mobile Extended Knowledge Building Community, *Robert Huang,*	**Knowledge Building and Professional Learning** ***Facilitator:*** *Mireia Montane* ***Location:*** *5-250 (5th floor)* You are a Knowledge Builder! Lessons Learned from the Field, *Glenn Wagner,*	**10:45-11:00 – Research Design Team Intervention 11:00-12:00 Work on KB/KF** ***Location:*** *OISE PC Lab#2 (3rd Floor)*

	Research-Teacher Team from Minnesota. *David Groos, Bodong Chen, University of Minnesota, USA.* Research-Teacher Team from Ontario. *Suzana Milinovich, Tiffany Hills PS, Hamilton-Wentworth District School Board (HWDSB), Ahmad Khanlari, Leanne Ma, Monica Resendes, OISE/University of Toronto, IKIT, Canada.*	*OISE/University of Toronto, IKIT, Canada.* Mobile Knowledge Building: Toward a New Conceptual Framework, *Joel Wiebe, OISE/University of Toronto, IKIT, Canada.* Taking Knowledge Building and Mathematics Outside, *Sherrie Wylie, Cobden PS, Renfrew County District School Board (RCDSB), Ontario, Canada.*	*Upper Grand District School Board (UGDSB), Ontario, Canada.*	**11:15-12:00: Research Design Team Intervention** *IKIT helpers: Renato + Stacey*
11:45-1:45	**Lunch on your own** (see KBSI2018 community for info on local restaurants)			**12:00-1:00 Lunch** *Location:* 5th floor, Room 5-230
	Parallel Sessions			
1:45-2:45	**Idea Thread Mapper Workshop – Teacher & Engineer Design Hack.** *Facilitators: Jianwei Zhang, Mei-Hwa Chen, The State University of New York at Albany, USA.* ***Location:** Library (Ground floor)*	**Building Epistemic Agency through Risk-Taking with Ideas** ***Chair:** Mercè Bernaus* ***Location:** 5-240 (5th floor)* Learning from the Knowledge Builders: Students Making Sense of the Change to a Classroom Knowledge Building Community. *Kate Bielaczyc, Hiatt Center for Urban Education, Clark University, USA.* Fostering Student Voice and Epistemic Agency through Knowledge Building. *Pieter Toth, Dundas Valley SS, Hamilton-Wentworth District School Board (HWDSB), Leanne Ma, OISE/University of Toronto, Canada.* Professional Learning and Development Communities: Council of Europe's Teacher Education Programme, *Pascale Mompoint-Gaillard, Strasbourg, France.*		**1:00-2:00 - Reflect on Ideas and Plan for Final Presentation** *Location:* 5th floor, Room 5-230 *IKIT helpers: Renato + Stacy*
3:00–4:00	**Design Challenges. Teacher & Engineer Design Hack** *Facilitators: Mei-Hwa Chen, Ole Smørdal, Yoshiaki Matsuzawa.* **Welcome to All with Ideas for Improving Knowledge Forum**	**Towards Inclusive Classrooms** ***Chair:** Frank de Jong* ***Location:** 5-240 (5th floor)* Helping Students Find their Voice - Knowledge Building in Secondary English. *Jacqueline O'Carroll, College*	**Designing Curricula and Ubiquitous Learning Resources** ***Chair:** Kai Hakkarainen* ***Location:** 5-250 (5th floor)* Scripting Idea Improvement in a Learning Community Curriculum for	

	Bryan MacLeod, Laurel Petty, Cindy Lee, Hamiliton-Wentworth District School Board (HWDSB), Ontario, Canada. **Location:** *Library (Ground floor)*	*Heights SS, Upper Grand District School Board, (UGDSB), Ontario, Canada.* Exploring the contribution of students with learning difficulties in an inclusive co-invention project, *Kati Sormunen, Kai Hakkarainen, Sini Riikonen, Pirita Seitamaa-Hakkarainen, Kalle Juuti, Jari Lavonen, Tiina Korhonen, University of Helsinki, Finland.* Design Case: Designing for the Inclusion of All, *Richard Reeve, Queen's University, Ontario, Canada.*	Grade 12 Biology. *Alisa Acosta, James D. Slotta, OISE/University of Toronto, Canada.* Introduction of the Ubiquitous Learning Resource Model—Learning Cell. *Shangpeng Ji, HaiPeng Wan, Beijing Normal University, China.*	
4:15 – 5:00	**Daily Wrap Up & Reflection on Design Experiment** **Location:** *Library (Ground floor)*		

DAY 4: Friday, August 17, 2018

Time	Description	Design Experiment
8:30-9:00	**Registration and Breakfast at OISE/University of Toronto** **Location:** *Library (Ground floor)*	**8:30-9 Breakfast** **Location:** *Library*
9:00-9:20	**Design Experiment Update** **Location:** *Library (Ground floor)*	**9:15-10:45 Updates on Knowledge Forum Work and Promising Ideas** **Location:** Room 5-240
9:30-10:30	**KBI Annual Meeting** **Location:** *Library (Ground floor)*	**10:45-11:00 Break** **Location:** Room 5-240
10:45-12:30	**Working Lunch: Prepare Team Reports** Location: Room TBD	**11:00-12:30 Prepare for Final Presentation** **Location:** Room 5-240
12:45-1:45	**Knowledge Building International Team Reports** **Location:** *Library (Ground floor)*	**12:30-1:30 Lunch** **Location:** Room 5-240
1:45-3:45	**Design Experiment Presentation and Plans for Design Experiment, 2018-2019** **Location:** *Library (Ground floor)*	**1:45-3:45** Final Presentation **Location:** Library
3:45-4:15	**Plenary Wrap-Up Session** **Location:** *Library (Ground floor)*	