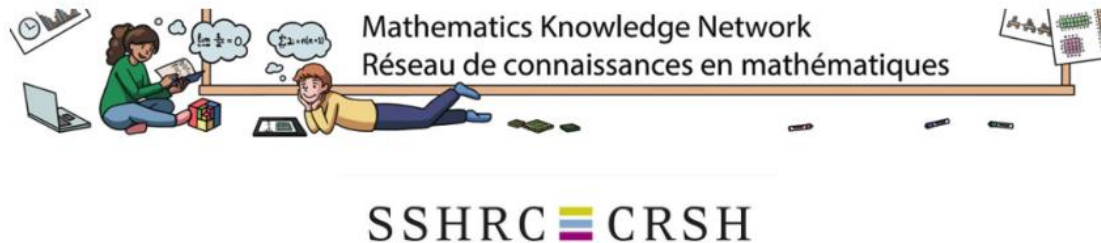


Organizing members: George Gadanidis (Western University) with Researchers from Brock U, OISE, UoT; OntarioTech; Univ. of Ottawa; Queen's Univ.; WesternU; Wilfrid Laurier*.

1. 2020 Webinars through Mathematics Knowledge Network by George Gadanidis with Dr. Chantal Buteau.
<http://mkn-rcm.ca/online-seminar-series-on-programming-in-mathematics-education/>



Featured Speakers

Friday June 19, 2020

[Celia Hoyles & Richard Noss](#)

Friday July 3, 2020

[Krista Francis & Brent Davis](#)

Friday July 17, 2020

[Michelle Wilkerson & Edward Rivero](#)

Friday July 31, 2020

[Chronis Kynigos](#)

Friday August 14, 2020

[Ricardo Scucuglia](#)

Friday August 28, 2020

[Paul Drijvers](#)

2. Computational Thinking in Mathematics Education

[Fields MathEd Forum 2028 Nov. session](#)

Organized by Chantal Buteau and George Gadanidis

<http://www.fields.utoronto.ca/activities/18-19/MEForum-November>.

"the session was dedicated to computational thinking in mathematics education (from pre-K to university, including teacher education). It was an opportunity for the SSHRC partnership development group on CT ([ctmath.ca](#)) and the [CM CoP group from MKN](#) to share to one another, and to the math education community, what has been accomplished thus far."

3. Computational thinking in mathematics education symposium (October 2017). Funded by the Fields Institute and a SSHRC partnership development grant. **Organized by** Immaculate Namukasa (Western), Chantal Buteau (Brock), Janette Hughes (UOIT), George Gadanidis (Western), Donna Kotsopoulos (Huron University College)

Computational Thinking in Mathematics Education



<http://ctmath.ca/computational-thinking-in-mathematics-education-symposium/> ; <http://mkn-rcm.ca/wp-content/uploads/2021/01/OSSPME-Proceedings-January-24.pdf>

Keynote Speakers

Lyn English (Queensland University of Technology, Australia)

Learning Innovation in STEM Education

Michelle Wilkerson (University of California, Berkeley)

Computational Integration to Support Expression, Refinement, and Collective Knowledge in Classroom Communities

Location: University of Ontario Institute of Technology, Oshawa, Ontario

This Symposium was sponsored by the Fields Institute for Research in the Mathematical Sciences (Fields); University of Ontario Institute of Technology (UOIT), Faculty of Education and the SSHRC partnership development grant on Computational Thinking in Mathematics Education (www.ctmath.ca). It was supported by Mathematics Knowledge Network: mathnetwork.ca, NSERC, Ontario Ministry of Education, and hosted by the STEAM3D Maker Lab at the Faculty of Education, University of Ontario Institute of Technology

4. Mathematics and Coding Symposium (June 2015) by George Gadanidis with Immaculate Kizito Namukasa, Donna Kotsopoulos (WLU) Kamran Sedig (FIMS). Funded by Fields Institute, SSHRC, Western University, Wilfrid Laurier University.

- Symposium Keynote 1: Yasmin Kafai: Connected code: A new agenda for K-12 programming in classrooms, clubs, and communities
- Symposium Keynote 2: Celia Hoyles & Richard Noss: Stories from the ScratchMaths experiment

Proceedings: G. Gadanidis (2016, Ed.), *Math + Coding Symposium*. London, Ontario: Western University.
Available at <http://www.researchideas.ca/coding/proceedings.html>

5. Symposium: Digital Mathematical Performance. Organized by Professor George Gadanidis with Dr. Cornelia Hoogland, UWO; funded by the Fields Institute and UWO

Proceedings: Gadanidis, G. & Hoogland, C. (2007). Digital mathematical performance. University of Western Ontario. Faculty of Education; Fields Institute for Research in Mathematical Sciences. Available in the Western University Library.

Discussion Paper:

Susan Gerofsky

Keynote Speakers:

Marcelo Borba

David Pimm

John Mighton & Cornelia Hoogland

6. Symposium: Designing Mathematical Thinking Tools (2004) organized by George Gadanidis with Bill Higginson, Queen's Univ; Kamran Sedig, UWO; Chris Suurtamm, Univ. of Ottawa funded by the Fields Institute and Harcourt.

Proceedings: Gadanidis, Hoogland, C., & Sedig, K. (2004). Mathematics as story: proceedings of Mathematics as story, a symposium on mathematics through the lenses of art & technology [held at the] Faculty of Education, Western University. University of Western Ontario. Faculty of Education. Fields Institute for Research in Mathematical Sciences.

Keynotes Speakers:

Apostolos Doxiadis

Ellen Dissanayake

Brian Boyd

7. Symposium: Online Mathematical Investigation as a Narrative Experience (2005) by Professor George Gadanidis with Drs. Bill Higginson, Queen's Univ., Kamran Sedig, UWO

Proceedings: Gadanidis, Higginson, W., & Sedig, K. (2005). *Online mathematical investigation as a narrative experience: proceedings of a Fields Institute Symposium [held at the] Faculty of Education, University of Western Ontario*. University of Western Ontario. Faculty of Education. Fields Institute for Research in Mathematical Sciences.

Keynote Speakers:

Andy diSessa

Uri Leron

Rena Upitis

8. Online Symposium: 2001 Fields online math Symposium by George Gadanidis with Bill Higginson & Doug McDougall.

Keynote Speakers

Seymour Papert

Alan Kay

*Selected proceedings, reports, or recordings available at respective websites or upon request.