

CSTHA/AHSTC
CONFERENCE PROGRAM/PROGRAMME DE LA CONFÉRENCE

3–5 November 2017
King's University College
London, ON

Innovation or Abberation?: Science, Technology, and Historical Meanings of Failure
Innovation ou aberration?: Les significations historique de l'échec scientifique et technologique

Friday, November 3, 2017
vendredi 3 novembre 2017

Registration/*inscription*: 4:30pm–7:30pm
Garron Lounge, Darryl J. King Student Life Centre

Tour/*visite guidée*: 5:00pm–6:00pm

The Medical Artifact Collection at Western University

Participants to meet outside of the Collection's main artifact display in Lawson Hall, Room 2260. Visit cstha-ahstc.ca/conference-colloque-2017/ for more information.

Reception/*reception*: 6:30–7:30pm
Garron Lounge, Darryl J. King Student Life Centre

Opening Remarks/*propos d'ouverture*: 7:30pm
Kenny Theatre, Darryl J. King Student Life Centre

Keynote Address/*Conférence d'ouverture*: 8:00pm
Kenny Theatre, Darryl J. King Student Life Centre

Hostile Nature, Fallible Humans, Failing Machines: Exploring the Lost Histories of Technological Failure

Dr. Edward Jones-Imhotep, York University

Tour/*visite guidée*: 9:30pm–11:00pm

“Exploring the Stars” at the Cronyn Observatory (Western University)

Participants to gather after the keynote address, to head to Main campus to visit the observatory. Visit cstha-ahstc.ca/conference-colloque-2017/ for more information.

Saturday, November 4, 2017
samedi 4 novembre, 2017

In the Monsignor Wemple Building

Session 1a/*séance 1a*: 9:00–10:15am
Wemple Hall 170

Technological Designs: Competition, Adaptation and Failure/*Designs technologiques: Compétition, adaptation et échec*

David P.D. Munns, John Jay College: How the Fecal Bag succeeded over the Algotron as the waste management system for NASA

Jan Hadlaw, York University: The mini-Contempra: Technological Innovation, 'Design Economics,' and the Failure of Imagination at Northern Electric

Alex Souchen, Wilfrid Laurier University: Barnyard Bombers and Parachute Dresses: Hybridity, Thrift, and Military Technologies in Postwar Canada

Session 1b/*séance 1b*: 9:00–10:15am
Wemple Hall 174

Failure in Extractive Industry Technologies/*Échecs dans les technologies de l'industrie d'extraction*

Ian Gordon Stewart, University of King's College: Past and present dynamics of technology innovation (and stasis) in Canada's oil spill remediation sector

Peter V. Krats, Western University: [A] roasting yard is as unsavory as a Gehenna: Ore Reduction in the Nickel Belt 1889–1929

Fathi Habashi, Université Laval: Success and Failure in the Canadian Metallurgical Industry

Coffee/*café*: 10:15–10:45am

Session 2a/*séance 2a*: 10:45–12:00pm
Wemple Hall 170

Failure at Work: Technological and Human Failure in Industrial Age North America/*L'échec technologique et humain à l'âge industriel en Amérique du Nord*

Robert MacDougall, Western University: Something for Nothing: The Keely Motor and How It "Worked"

Edward Jones-Imhotep, York University: The Images of Work: Charting Human and Machine Failures at the Dawn of the Jazz Age

Amy Slaton, Drexel University: Merit and Middle-Skilled: Constructing Occupational Success and Failure on the American Factory Floor

Session 2b/*séance 2b*: 10:45–12:00pm
Wemple Hall 174

Energy, Resources, and Society/*Énergie, ressources et société*

Mark Sholdice, University of Guelph: The Progressive Era Origins of Hydro-Québec

James Rhatigan, University of British Columbia: Bitumen Bombs: Negotiating Canadian Nuclearity in the Athabasca Tar Sands

Jennifer Hubbard, Ryerson University: Epitaph and Resurrection: Peter Larkin and the Fluctuating Fortunes of Canadian Fisheries Science

Lunch and CSTHA Business Meeting/*Déjeuner et réunion d'affaires*: 12:00–1:15pm
Wemple Hall Vitali Student Lounge

Session 3a/*séance 3a*: 1:15–2:30pm
Wemple Hall 170

Reimagining Geographies through Technology/*Réimaginer la géographie à travers la technologie*

Blair Stein, University of Oklahoma: "The Value of Wings:" Geography, Technology, and Aerial Views at Trans Canada Air Lines, 1945–1955

Daniel Macfarlane, Western Michigan University: Disguised Design: Engineering Niagara Falls in the 1950s

William Knight, Canadian Science and Technology Museum: Deliberately, by accident: Pink Salmon in the Great Lakes in the 20th century

Session 3b/*séance 3b*: 1:15–2:30pm
Wemple Hall 174

Capitalist Enterprises and Business Failures/*Entreprises capitalistes et échecs commerciaux*

Eda Kranakis, University of Ottawa: Pulling Failure from the Jaws of Success: Reductionist Biotechnology and the Death of Monsanto

Mahdi Khelfaoui, Université du Québec à Montréal: De la Société radiochimique à MDS Nordion: Socialisation des coûts et privatisation des bénéfices dans l'industrie canadienne des radio-isotopes

Justin Douglas, University of Toronto: Building Capitalist Fields of Dreams: The Development of the Credit Card's Digital Infrastructure

Session 4a/*séance 4a*: 2:45–4:00pm
Wemple Hall 170

Failure in Space Research and Technology/*Échec dans la recherche et la technologie spatiale*

Matthew Wiseman, University of Toronto: Northern Oasis: Satellite Technology and the Failed Attempt to Melt the Canadian Arctic

Matthew Hayes, Trent University: The Failure of Wilbert Smith's UFO Observatory

Michael Laurentius, York University: North of modernity: Pragmatism and the DEW Line

Session 4b/*séance 4b*: 2:45–4:00pm
Wemple Hall 170

Biotechnologies/*Biotechnologies*

Lev Marder, University of Guelph: Regulation of human embryo editing in Canada: justifications and omissions

Lindy Van Vliet, Carleton University: "I feel like I just found out I am a basic white girl:" Questioning DNA Ethnicity Testing and Technological "Success" in the Canadian Settler State

Lara Tessaro, York University: "At some loss as to the precise object you have in mind": Enacting Estrogenic Substances with Canada's Food and Drugs Act, 1938–1944

Coffee/*café*: 4:00–4:30pm

Session 5a/*séance 5a*: 4:30–5:45pm
Wemple Hall 170

Assessing Trajectories/*Évaluer les trajectoires*

Scott Campbell, University of Waterloo: "Just like planning a dinner"? The female computer programmer in Canada

Sandy Barron, Carleton University: The Groom Expedition, Agricultural Training, and Deaf Public Life in Western Canada, 1883–1888

Jennifer Cuffe, Library and Archives Canada: The archival appraisal of records generated through science and technology activities in the Canadian federal government: A short history of approaches used at the national archives, and a proposal.

Session 5b/*séance 5b*: 4:30–5:45pm
Wemple Hall 174

Health, Medicine and Disability/*Santé, médecine et handicap*

Beth Robertson, Carleton University: Disability and Computing in Cold War Canada: A Case Study in Punched-Card Readers

David Foord, University of New Brunswick: Innovation, Success and Failure in the Making of Bionic Hands and Arms in Canada, 1945 to 2005

David Theodore and Annmarie Adams, McGill University: Re-modernizing Hospital Architecture: Montreal's Royal Victoria Hospital as Failure

CSTHA banquet/AHSTC banquet: 7:30–10:30pm
River Room at Museum London

Sunday, November 5, 2017

dimanche 5 novembre 2017

In the Darryl J. King Student Life Centre

Coffee/café: 9:00am

Session 1a/séance 1a: 9:30–10:45am

KC004

Failures of Imagination/Échecs de l'imagination

Jeni Barton, University of Toronto: A Monster Scored: NASA's Global Habitability Initiative and UNISPACE '82

Dorotea Gucciardo, King's University College: "More Power to the Farmer": Selling Electricity to Rural Canada

Rebecca Woods, University of Toronto: "A Living Death" and the Frozen Meat Trade: The Anatomy of a Hoax

Session 1b/séance 1b: 9:30–11:30am

KC 005

Military Culture, Technology and Failure in Unconventional Wars/Culture militaire, technologie et échec dans les guerres non-conventionnelles

Timothy Compeau, Huron University College: "A New Batch of Ships" for the Lakes: British Experiments in Naval Technology and the Challenges of Frontier Warfare in Canada, 1812–1815.

Ryan Patterson, University of Exeter: "Peculiarly adapted" for "exceptional use": The influence of empire on the assessment of new technologies in the Victorian British Army

Oliver Charbonneau, Fanshawe College: "Cut short their fanatical activities by means of force": Massacre, Misery, and the Limits of Dominance on the U.S. Imperial Frontier — Mindanao, 1902–1903

Nicolas Virtue, King's University College: "Better a pinch of fear than ten tonnes of good words": Heavy Weapons, Terror, and Italy's Failed Counterinsurgency in Ethiopia and Yugoslavia, 1936–43

Session 2/*séance* 2: 11:30–12:30pm
KC 005

Roundtable Discussion/*Table ronde*

Interdisciplinary Teaching: Re-thinking Pedagogy in the History of Science, Medicine and Technology Across the University

Participants: David Foord, David Theodore, Bill Turkel, and Eda Kranakis

Conference Closes/*Clôture du colloque*