

Schedule of special activities

DEPARTURES FOR DISCOVERY AND INNOVATION

Scientists and artists open up their labs, businesses and studios – it’s a unique opportunity to admire their amazing creations, innovations and technologies.

Offered **Saturday, June 16 only**.
Free transportation provided by the Société de transport de Montréal.  **STM**
Reserve at the information booth (space is limited).

Hexagram, Where Art Meets Technology and Science **B**

Faculty of Fine Arts, Concordia University
Departures : Saturday, June 16 at 1 p.m. and 3 p.m., length : 1:75 hours

The Quebec Technological Waste Management Showcase and the Saint-Michel Environmental Complex **G B**

Waste Management Expertise Centre
Departures : Saturday, June 16 at 1 p.m. and 3 p.m., length : 2 hours

See Insects from a New Angle! **G F**

Montréal Museums Collections Centre – Insectarium Space
Departures : Saturday, June 16 at 1 p.m. and 3 p.m., length : 1:75 hours

Music in Your Head **G B**

BRAMS (BRAIn Music and Sound Research Center),
Université de Montréal and McGill University
Departures : Saturday, June 16 at 1 p.m. and 3 p.m., length : 2 hours

SCIENCE TAKES THE STAGE

A main stage where the spotlight is on science, with shows, theatre, magic, music and even love!

Fire and Ice **F**

Mad Science
Bubbling potions, evaporating ice...
an astonishing show that explores the different states of matter.
Friday, June 15 at 11 a.m., length : 45 min

The Magic of Chemistry **G F**

Yannick Bergeron
Our *wild* and wonderful host reveals the science behind some spectacular reactions.
Friday, June 15 at 12:30 p.m. and Saturday, June 16 at 2:30 p.m., length : 45 min

L'homme énergivore **G F**

Productions Sonne
Some entertaining situations that teach us about our good and bad habits when it comes to energy consumption.
Friday, June 15 at 2:30 p.m., length : 30 min

Spin, Pop, Boum!!! **G B**

Mad Science
Learn about centripetal and centrifugal force through some fascinating experiments.
Friday, June 15 at 3:30 p.m., length : 45 min

The Chemistry of Love **F**

Ariel Fenster
A scientific, humorous look at the “love molecules” that seem to control our feelings.
Friday, June 15 at 5 p.m., length : 1 hour

Up, Up and Away **F**

Mad Science
From dinosaur spit to dirigibles, air pressure can be very entertaining.
Saturday, June 16 at 11:30 a.m., length : 45 min

Change d'air! **G F**

Troupe Luni-Vert
Different humorous and serious skits look at the causes and consequences of climate change.
Saturday, June 16 at 1 p.m., length : 45 min

The Physicists **E**

McGill University
This enthralling comedy looks at physics during the Cold War.
Saturday, June 16 at 4:30 p.m., length : 1:25 hours

Science Rock with (n=1) **B**

Concert
Saturday, June 16 at 7 p.m. and Sunday, June 17 at 4:30 p.m., length : 1 hour

Science or Magic? **G F**

Daniel Coutu
Discover the mysteries of atmospheric pressure, sound, colour, water and gravity through a series of magical, scientific demonstrations.
Sunday, June 17 at 11:30 a.m., length : 50 min

Show Math **F**

Jean-Marie De Koninck
An entertaining lecture combining humour, mathematics and multimedia
Sunday, June 17 at 1 p.m., length : 50 min

L'usine des sons **B**

L'Arsenal à musique
Two musicians pluck, strum, scrape and bang on some of the most curious instruments around, with infinite acoustic possibilities
Sunday, June 17 at 2:30 p.m., length : 50 min

SCIENCE STORIES

Young audiences ages 7 to 12 will be delighted with these journeys appealing to their imaginations, with storytellers, puppet shows and laughter.

Brother Marie-Victorin (1835-1944) **F**

Louis Lavoie
Meet the “Pope” of botany and ecology in Quebec.
Friday, June 15 at 10:30 a.m., length : 45 min

Salty Tales **F**

Serge Lepage
Using instruments from his captain’s chest and aquatic anecdotes, Serge Lepage introduces you to a fantastic, watery world.
Friday, June 15 at 11:30 a.m., Saturday, June 16 at 5 p.m. and Sunday, June 17 at noon, length : 45 min

Ratatatarats! **F**

Les Ironistes
This puppet show stars two rather unusual scientists and the subjects of their latest experiment.
Friday, June 15 at 1 p.m., Saturday, June 16 at noon and Sunday, June 17 at 1:30 p.m., length : 45 min

Scientific Stories **F**

André Lemelin
Narratives spiced up with anecdotes and traditional tunes played on the harmonica, and accompanied by a sprinkling of humour.
Friday, June 15 at 2 p.m., Saturday, June 16 at 4 p.m. and Sunday, June 17 at 3 p.m., length : 45 min

A Question of H₂O **F**

Serge Lepage
Through a series of entertaining experiments, learn about the extraordinary properties of water.
Friday, June 15 at 3 p.m. and Saturday, June 16 at 3 p.m., length : 45 min

The Science of Juggling **B**

Marie Eve Lamoureux Laprise
Learn the basics of the mysterious art of juggling.
Friday, June 15 at 4:30 p.m., Saturday, June 16 at 1 p.m. and Sunday, June 17 at 5:30 p.m., length : 45 min

Galileo Galilei (1564-1642) **F**

Louis Lavoie
An encounter with “The father of modern science,” fascinated with nature and the stars.
Saturday, June 16 at 2 p.m., length : 45 min

Leonardo da Vinci (1452-1519) **F**

Louis Lavoie
Meet the “Renaissance Man” per excellence.
Sunday, June 17 at 4:30 p.m., length : 45 min

SCIENCE IN PERSON

Meet and chat with people who have devoted their lives to science.
Length : 1 h

Revolutionary Solar Batteries **F**

Benoît Marsan, chemist, UQAM
Friday, June 15 at 11 a.m.

Nutrition, Sports and Performance **F**

Marielle Ledoux, nutritionist, Université de Montréal
Friday, June 15 at 1 p.m.

Insect Wars **F**

Éric Lucas, entomologist, UQAM
Friday, June 15 at 3 p.m.

Fantastic Voyage inside an Artery **F**

Arnaud Chanu and Ouajdi Felfoul, biomedical engineers,
École polytechnique de Montréal
Saturday, June 16 at 11 a.m.

Sex and Science in the Animal World **F**

Luc-Alain Giraldeau, animal behaviour expert, UQAM
Saturday, June 16 at 1 p.m.

Toward Sustainable Forestry **F**

Christian Messier, forestry engineer, UQAM
Saturday, June 16 at 3 p.m.

A Close-up Look at Volcanoes **F**

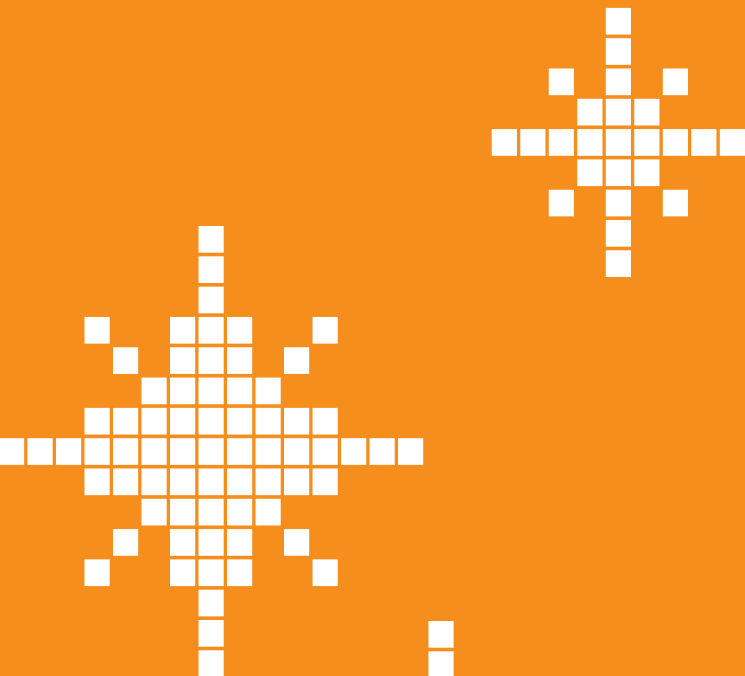
Hélène Gaonac'h, volcanologist, UQAM
Sunday, June 17 at 11 a.m.

Rediscovering Inuit Medicinal Plants **F**

Alain Cuerrier, ethnobotanist, Institut de recherche en biologie végétale
Sunday, June 17 at 1 p.m.

Copper, Diamonds and Other Buried Treasure **F**

Normand Goulet, geologist, UQAM
Sunday, June 17 at 3 p.m.



MISSIONS UNDER THE STARS

Come for an unforgettable evening under the stars,
on **Saturday, from 7 to 11 p.m.**

Scientists who certainly aren’t afraid of the dark will take you to the edges of the universe, each in his or her own way. Buckle up and get ready to leave terra firma behind!

7 p.m. Visit a captive hot-air balloon **B**

Place des Vestiges

7 p.m. Science Rock with (n=1) **C** **B**

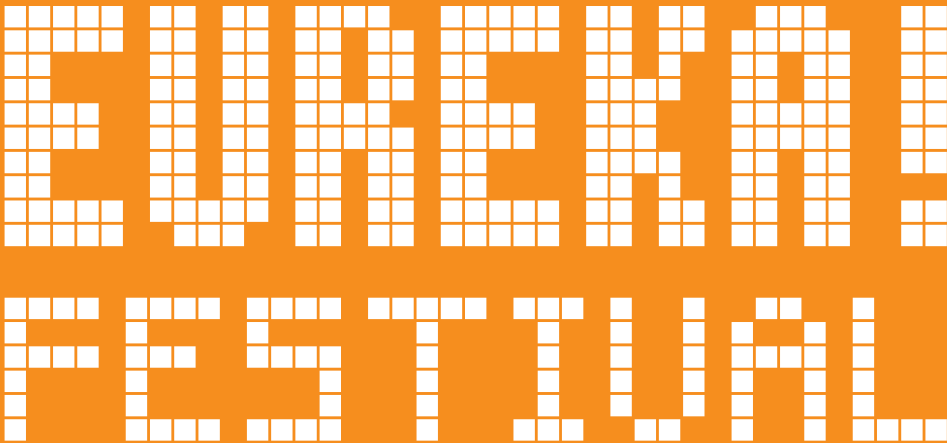
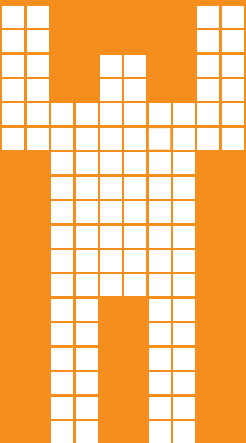
Concert at the Science Takes the Stage tent, length : 1 h

9 p.m. Lecture/Performance **C** **F**

With Mission Leader Jean Lemire (Mission Antarctica)
and astronaut Steve MacLean (Canadian Space Agency)
Near the Science Takes the Stage tent, length : 1:75 hours

10:45 p.m. Laser show on a water screen **C G**

Near the Science Takes the Stage tent



SCIENCE HERE, THERE AND EVERYWHERE!

Program and site map

On the Quays of the Old Port of Montréal

Friday, June 15

10:00 a.m.
to 6:00 p.m.

Saturday, June 16

11:00 a.m.
to 11:00 p.m.

Sunday, June 17

11:00 a.m.
to 6:00 p.m.

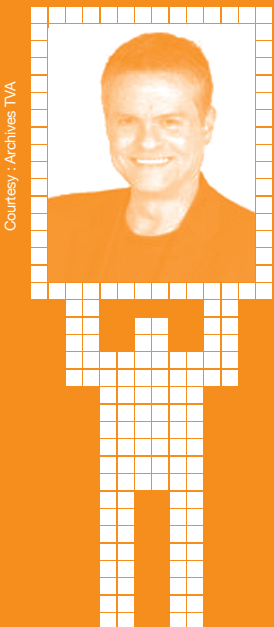
FIRST EDITION!

Come on down to the Quays of the Old Port of Montréal on June 15, 16 and 17 for some sun-filled science fun. The Eureka! Festival, brainchild of the Conférence régionale des élus de Montréal and produced by the Montréal Science Centre, is an event for the general public, intended to celebrate the wealth and diversity of science-related activities in Montréal and bring them within everyone’s reach.

The free event will feature over eighty original and unusual activities designed and put on by science enthusiasts, from demonstrations to workshops, challenges, shows, theatre, meetings, storytelling and tours of science and technology venues. The Eureka! Festival is an invitation to make discoveries, experiment, share experiences and reflect on the issues and technological challenges facing the human race.

So give your brain some exercise... Dive into the fascinating world of science, technology and innovation, Montréal-style!

Paul Houde, Eureka! Festival host and spokesperson



Courtesy : Archives TVA



FESTIVAL SITE MAP

Science Tents

Come for a stroll and experiment, create, observe and discuss science in every shape and form, with students, researchers, professionals and future scientists.

Quartier Ouest | Western Section

- 01** FÉDÉRATION CANADIENNE DE LA FAUNE | CANADIAN WILDLIFE FEDERATION
Plantes indigènes irrésistibles | Irresistible Native Plants
- 02** ASSOCIATION GÉOCACHING QUÉBEC
GPS et géocaching | GPS and Geocaching
- 03** POINTE-À-CALLIÈRE
Métier: archéologue | Profession: Archaeologist
- 04** ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)
S.O.N.I.A. le sous-marin | S.O.N.I.A. the Submarine
- 05** ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)
Éclipse, le soleil comme carburant | Eclipse: Power from the Sun
- 06** ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)
Évolution, un véhicule peu gourmand! | Evolution, for the Long Run
- 07** ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)
Décathlon solaire... la maison de demain! | Solar Decathlon, the House of Tomorrow
- 08** SÛRETÉ DU QUÉBEC
Robots antibombes et techniciens en explosifs | Bomb-Disposal Robots and Explosives Technicians
- 09** URGENCES-SANTÉ
Ambulancier paramédical au poste! | Paramedic!
- 10** SERVICE DE SÉCURITÉ INCENDIE DE MONTRÉAL
Des pompiers spécialisés | Specialized Firefighters
- 11** NORTEL
Les télécommunications, de 1967 à aujourd'hui | Telecommunications, from 1967 to the Present
- 12** LASER QUANTUM
16 000 000 de couleurs! | 16 Million Colours!
- 13** CÉGEP ANDRÉ-LAURENDEAU
Gravures interactives au laser | Interactive Laser Engraving

Quartier Centre-Ouest | Western Central Section

- 14** NANOQUÉBEC
Nanotechnologies: un petit monde aux ambitions énormes
Nanotechnology: A Tiny World with Enormous Potential
- 15** UNIVERSITÉ DE MONTRÉAL ET ÉCOLE POLYTECHNIQUE
Moments magnétiques et merveilles minuscules | Magnetic Moments and Miniature Marvels
- 16** ASSOCIATION FRANCOPHONE POUR LE SAVOIR (AFAS)
Que cherchent les chercheurs? | What are Researchers Looking for?
- 17** CONSEIL NATIONAL DE RECHERCHES CANADA
Bravo! Science à l'œuvre! | Bravo! Science at Work
- 18** HYDRO-QUÉBEC
Le VEV... une conduite électrisante! | An Electrifying Ride
- 19** AGENCE SPATIALE CANADIENNE | CANADIAN SPACE AGENCY
La feuille d'érable canadienne sur Mars | The Maple Leaf on Mars
- 20** SÛRETÉ DU QUÉBEC
Identité judiciaire | Tracking Down Criminals
- 21** GÉNOME QUÉBEC
Sur les traces de l'ADN | The DNA Trail
- 22** COEUR DES SCIENCES (UQAM)
Balades écologiques en ville | Take a Hike - Ecologically Speaking!
- 23** UNIVERSITÉ CONCORDIA - FACULTÉ DES ARTS ET DES SCIENCES
FACULTY OF ARTS AND SCIENCE, CONCORDIA UNIVERSITY
Origami, science et technologie | Origami, Science and Technology
- 24** SIMON AMPLEMAN / ÉMILIE DEMERS
Flexscience, une expérience scientifique! | Flexscience: Dancing Is Also about Science!

Quartier Plein Centre | Central Section

- 25** LES SCIENTIFIQUES
Apprentis chimistes | Become a Lab Assistant
- 26** UNIVERSITÉ MCGILL - DÉPARTEMENT DE SCIENCES VÉGÉTALES
DEPARTMENT OF PLANT SCIENCE, MCGILL UNIVERSITY
Meurtre et mystère chez les plantes | Murder and Mystery in the Plant World
- 27** LES CLUBS 4-H QUÉBEC
Les mondes minuscules qui nous côtoient! | The Miniscule Worlds around Us
- 28** CONSEIL DU LOISIR SCIENTIFIQUE DE LA RÉGION MÉTROPOLITAINE
La récupération, c'est scientifiquement amusant! | Reusing Things Can Be Scientific Fun!
- 29** MUSÉE REDPATH - UNIVERSITÉ MCGILL | REDPATH MUSEUM, MCGILL UNIVERSITY
Fossiles maison | Make a Fossil Replica
- 30** GROUPE UNI DES ÉDUCATEURS-NATURALISTES ET PROFESSIONNELS
EN ENVIRONNEMENT (G.U.E.P.E.)
La «vraie» nature en ville | "Real" Nature in the City
- 31** FOLIE TECHNIQUE
Ces forces mystérieuses qui nous entourent! | The Strange Forces Around Us
- 32** SCIENCES EN FOLIE | MAD SCIENCE
Laboratoire fou | Mad Lab
- 33** ÉCOLE PRIMAIRE FERNAND-SEGUN
La science, c'est du jeu! | Science is Child's Play!
- 34** L'ÎLE DU SAVOIR
Opération Coco-logix et Passion: sciences! | Opération Coco-logix and Passionate about Science
- 35** BIODÔME, INSECTARIUM, JARDIN BOTANIQUE ET PLANÉTAIRIUM
BIODÔME, BOTANICAL GARDEN, PLANETARIUM AND INSECTARIUM
Les Muséums nature de Montréal... c'est vivant! | Montréal's Nature Museums: Brimming with Life!

Quartier Centre-Est | East Central Section

- 36** ENVIRONNEMENT JEUNESSE
Des déchets en or | There's Gold in That Garbage!
- 37** ASSOCIATION GÉOCACHING QUÉBEC
Empreinte écologique: les pas à faire | Your Ecological Footprint
- 38** UNIVERSITÉ MCGILL - CENTRE DE RECHERCHE SUR LES INTERACTIONS HÔTE-PARASITE
CENTRE FOR HOST-PARASITE INTERACTIONS, MCGILL UNIVERSITY
Les parasites et nous | Parasites and Us
- 39** PHARMABIO
Mort suspecte au labo | Suspicious Death in the Lab
- 40** INSTITUT DE TECHNOLOGIE AGROALIMENTAIRE (ITA)
Le génie agromécanique: vous connaissez? | Agromechanical Engineering - What's That?
- 41** COLLÈGE DE BOIS-DE-BOULOGNE
La fabrication d'une maquette d'avion téléguidé | Remote-Controlled Airplane Models
- 42** LEUCAN
PuisSang défi! | A Circulation Challenge
- 43** CENTRE DES SCIENCES DE MONTRÉAL | MONTRÉAL SCIENCE CENTRE
Un cirque de robots | Robot Circus

Quartier Est | East Section

- 44** ÉCOLE DES MÉTIERS DE L'AÉROSPATIALE DE MONTRÉAL
Station spatiale nationale mobile | Mobile National Space Station
- 45** NORTEL
Technologies du futur chez Nortel | Technologies of the Future at Nortel

P Parking	G General Audiences	Show	Families
Telephone	B Bilingual	Theatre	Adults
Toilets	F French only	Demonstration	Teens
Restaurants	E English only	By reservation	Evening

AND MORE...

DEPARTURES FOR DISCOVERY AND INNOVATION **STM** (turn over for the program)

JUMPAI Acrobatic bungee trampoline. Defy the laws of gravity!

SCIENCE TAKES THE STAGE presented by **TELUS** (turn over for the program)

KIDS' CORNER A play area for kids ages 4 to 7

SCIENCE STORIES presented by **TELUS** (turn over for the program)

SCIENCE IN PERSON! (turn over for the program)

WORKSHOPS: MODELLING THE FUTURE AND RECYCLING

SCIENCE AHOU! A unique opportunity to visit actual research ships and ask all your questions.

THE LAMPISILIS research ship (Université du Québec à Trois-Rivières)

JACQUES-CARTIER QUAY

THE SEDNA IV Clock Tower Quay

INSIDE A HOT-AIR BALLOON Place des Vestiges

