

Time World 2024

Global Congress
ON ENERGY

APRIL 2, 3 and 4, 2024
CECi Trois-Rivières - Québec

Program and ticketing
www.timeworldevent.com

In partnership with

idé
Innovation et
développement
économique
Trois-Rivières



Université du Québec
à Trois-Rivières



Innovaxiom

TimeWorld connects intelligences

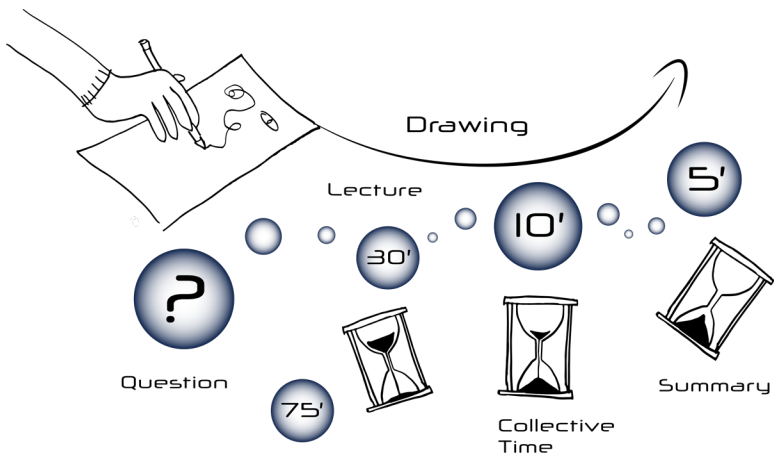
Why is energy conserved? How did dinosaurs manage their energy? What are the challenges of the energy transition? What role do microalgae play in the energy transition? What is the energy of progress? What role does energy play in the evolution of the Universe and Life? What are the challenges for synthetic fuels? Will energy come from the oceans?

Understanding the complexity of the world, making decisions, committing and moving forward, that's the driving force behind TimeWorld.

TimeWorld invites industrialists, researchers and academics to come together to forge links and initiate new collaborations. Through presentations, debates, syntheses and performances, TimeWorld shares knowledge, expertise and points of view. TimeWorld encourages curiosity, critical thinking and interdisciplinary debate.

Conferences and debates: how it works

Industrialists, researchers and academics combine their expertise and experience to answer a hundred or so challenging questions, review the state of the art in energy and propose a forward-looking vision. **45 minutes for a solo lecture, 1hr 30 min for a moderated 5-way debate.**



The four pillars of TimeWorld

MEASURED ENERGY

- Mathematics: modeling, simulations, probabilities, statistics
- Physics: energies (nuclear, wind, solar, hydraulic) - Astrophysics - Materials - Space exploration - Industrial risks - Decarbonization - Storage systems
- Chemistry: hydrocarbons - Green hydrogen - Waste treatment
- Informatics: production - Consumption - Transport - Optimization of uses - IA
- Finance: investments - Economic projections - Impacts on infrastructures - Digital - Blockchain - Green energy

**MATHEMATICS, PHYSICS, CHEMISTRY, GEOLOGY, CLIMATOLOGY,
COMPUTER SCIENCE, FINANCE**

ENERGY IN THE LIVING WORLD

- Medicine: imaging (doppler, scanner, MRI) - Therapy (laser, electrostimulation) - Food and nutrition - Sport and physical effort - Health and environment
- Geology: fossil fuels - Geothermal energy - Carbon sequestration
- Climatology: renewable energy - Climate change
- Sport: sporting events - Competitions - Olympic Games
- Biology: biomass - Photosynthesis - Intracellular energy - Carbon sinks
- Evolution: Animal kingdom - Plant kingdom - Micro-organisms

MEDICINE, BIOLOGY, CLIMATOLOGY, GEOLOGY, EVOLUTION

ENERGY IN PERCEPTION

- Cognitive sciences: evolution of perceptions and behaviors - Sobriety
- Philosophy: Energy - Spirituality - Willpower
- Sociology: ecological transition - Cybernetics - Lifestyle - Transition strategy for sustainable development - Transport (road, air, boat) - Ethics - Access to energy - Energy professions
- History: discoveries, production and uses - Civilizations - Conflicts - Oil shock
- Economy: geopolitics - Investments - Planning - Industrialization - Urban planning and networks - Electricity mix - Circular economy
- Law: construction and building regulations - Standards - Green taxation - Environmental law

**COGNITIVE SCIENCES, PHILOSOPHY, SOCIOLOGY, HISTORY, ECONOMICS,
LAW, INFORMATION TECHNOLOGY, FINANCE**

ENERGY IN ART

- Architecture: energy efficiency - Renovation - Low-carbon building - Passive house
- Literature : Science fiction - Novel - Poetry
- Live performance and music: Interpretation - Sound engineering - Broadcasting - Energy efficiency
- Plastic arts: sculpture - Computer graphics - Painting - Photography - Rendering movement
- Graphic arts: Cinema - Video games - Holography

ARCHITECTURE, LITERATURE, MUSIC, VISUAL ARTS, GRAPHIC ARTS

TimeWorld at a glance

84 CONFERENCES

6 DEBATES

1 LUNCH-CAUSERIE

1 SOCIAL ZONE

1 CONTEST

1 TIMEWORLDSHOP

3 EXCEPTIONAL PERFORMANCES



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