

# Time World 2023

Global congress  
**ON ENERGY**

**16<sup>th</sup>, 17<sup>th</sup> & 18<sup>th</sup> NOVEMBER 2023**

At Conservatoire national  
des arts et métiers - **Paris**

Programme and ticketing  
[www.timeworldevent.com](http://www.timeworldevent.com)

In partnership with  
**le cnam**



  
**Innovaxiom**

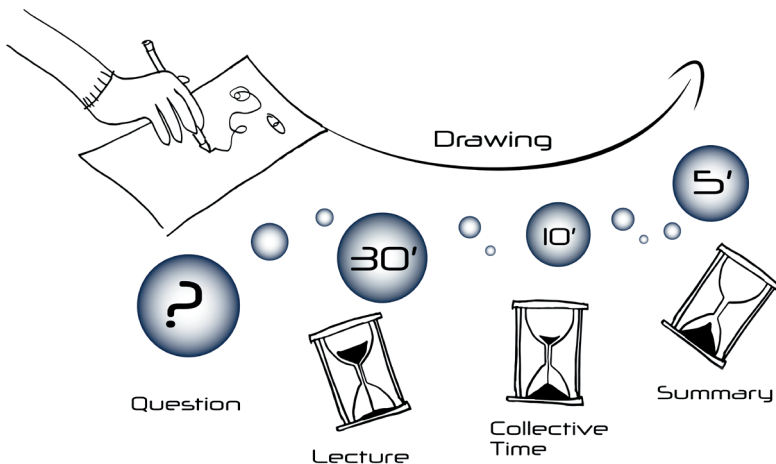
# TimeWorld values connected intelligences

What is energy in physics? Is the Universe ecologically sound? Is energy the origin of life? How much energy do science-fiction engineers have at their disposal? Can energy be conserved? What do we know about the energy of death? Where does the energy of stars, galaxies and the universe come from? What energy can save democracy? When was nuclear energy invented? Does statistical modelling shed light on the world of energy? How to mobilize for the ecological and energy transitions? The electric car, inevitability or opportunity? What impact does the human factor have on the energy transition?

TimeWorld will display aspects of time from different perspectives, from theory to fact and from the past to the future. Challenging questions will be discussed by industrial actors, researchers and the general public. Everyone's expertise will help solve a complex situation and solutions will merge in order to find new ideas and create new projects. More than inviting people to think together, TimeWorld is also the opportunity to participate in contests, workshops, playful scientific and artistic activities and exceptional shows.

## Conferences explained

**TimeWorld combines expertise with collective intelligence in order to expand new ideas in science.**



# TimeWorld is composed of four themes

## MEASURED ENERGY

- Mathematics: modeling, simulations, probabilities, statistics applied to energy issues
- Physics: Energies (nuclear, wind, solar, hydraulic) - Astrophysics - Materials - Space exploration
  - Industrial risks - Decarbonation - Energy storage systems
- Chemistry: Hydrocarbons - Green Hydrogen
- Geology: Fossil fuels - Geothermal energy - Carbon sequestration
- Climatology: Renewable energy - Climate change
- IT: Production, consumption - transport - optimized use - forecasting - AI
- Finance: Investments in the energy sector - Economic projections and impact on infrastructures
  - Digital world - Blockchain - Energy and green finance

**MATHEMATICS, PHYSICS, CHEMISTRY, GEOLOGY, CLIMATOLOGY,  
FINANCE, DIGITAL WORLD**

## LIVING ENERGY

- Medicine and physiology: Imaging (Doppler, scanner, MRI) - Therapeutics (laser, electrostimulation)
  - Food and nutrition - Sport and physical effort - Health and environment (pollution)
- Sport: Sports events - Competitions - Olympic Games
- Biology: Biomass - Photosynthesis - Intracellular energy - Biological carbon sinks
- Evolution: Animal kingdom - Plant kingdom - Micro-organisms

**MEDICINE, SPORT, BIOLOGY, EVOLUTION**

## PERCEIVED ENERGY

- Cognitive sciences: Evolution of perceptions and behaviors - Transition to sobriety - Ecoanxiety
- Philosophy: Energy (Oswald) - Spirituality (Bergson) - Will (Schopenhauer)
- Sociology: Ecological transition - Cybernetics - Lifestyle (work, leisure, subsistence) - Transition strategy for sustainable development - Rail transport - River, sea and port transport - Road transport - Vehicles - Air transport - Ethics - Social acceptability of facilities - Access to energy
  - Energy professions
- History: Discoveries, production and uses - Civilizations - Conflicts - Oil shock (1970)
- Economics: Geopolitics - Investments - Planning - Industrialization - Urban and regional planning
  - Network interconnection - Electricity mix - Circular economy
- Law : Construction and building regulations - Standards - Means of transport - Green taxation
  - Environmental law enforcement

**COGNITIVE SCIENCES, PHILOSOPHY, SOCIOLOGY, HISTORY, ECONOMICS, LAW**

## ENERGY IN ART

- Architecture: Energy efficiency - Energy renovation - Low-carbon building - Passive house
- Literature: Science fiction - Novels, etc.
- Performing arts and music: Interpretation - Sound - Broadcasting - Performances and energy sobriety
- Visual arts: Sculpture - Computer graphics - Painting - Photography - Motion rendering
- Graphic arts: Cinema - Video games

**ARCHITECTURE, LITERATURE, MUSIC, VISUAL ARTS, GRAPHIC ARTS**

# TimeWorld in a nutshell

## 96 CONFERENCES

Question, lecture, collective time, summary

## 3 ROUNDTABLES

Transportation, Students, Medecine

## 1 CONTEST

TimeWorldPoster

## TIMEWORLDSHOP

With a signing area

## EXCEPTIONAL PERFORMANCES



@TimeWorldEvent



#TimeWorldEvent

[contact@timeworldevent.com](mailto:contact@timeworldevent.com)

Conservatoire national des arts et métiers  
292, rue Saint-Martin - 75003 Paris - France