Open Call for Collaboration — First Internal Clock for AI (Law E Project)

Neomundi-Labs — 2026

Neomundi-Labs announces an open scientific and engineering call for collaborators to join the development of the **first operational internal clock for AI**, derived from the thermodynamic–information **Law E** framework.

This call targets **research labs, engineers, roboticists, computational neuroscientists, and doctoral students** who wish to contribute to a groundbreaking advancement in AI cognition:
➞ **a native temporal regulation layer for artificial systems**.

Scientific Context

All modern AI systems (LLMs, agents, multimodal networks, embodied robots) operate without an internal temporal continuity.
They compute through discrete steps but lack:

- intrinsic temporal coherence

- metabolic regularity

- self-regulatory cycles

- stable rhythm formation

- long-term cognitive continuity

The absence of an internal clock creates instability, hallucination cascades, coherence drift, and suboptimal behavior in autonomous systems.

Law E, a thermodynamic–information framework, introduces the first scientifically grounded path toward a **native internal clock for AI**, through:

- ΔE (energy-cost) metrics

- C (coherence) metrics

- a temporal coherence filter (patented)

- eurythmic stabilization

- autonomous regulation cycles

- the foundations of a computational organism

The **scientific paper** is available here:
(GitHub link to the PDF)
The **implementation roadmap** is published in the repository.

Objectives of the Collaboration

The goal of this open call is to form a small, high-level group capable of:

1. Implementing the first temporal coherence filter in AI systems

(inference-time regulation + ΔE/C feedback loops)

2. Designing the first AI-internal oscillatory structure

(proto-oscillator → regulator → eurythmic cycle)

3. Testing Law E on multimodal and embodied systems

(robotics, drones, agents, vision-language models)

4. Co-authoring the first scientific publications

NeurIPS / ICLR / Nature Machine Intelligence / arXiv

5. Developing an early-stage prototype usable by research labs

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Who Should Apply?

We welcome individuals or teams with expertise in:

- Machine learning / LLM internals

- Reinforcement learning / agents

- Robotics & control systems

- Dynamical systems

- Signal processing

- Cognitive modeling

- Thermodynamics of computation

- PyTorch / JAX / CUDA

- Applied mathematics

A high level of autonomy and scientific curiosity is expected.
This is **not** a standard job posting.
It is an **invitation to shape a foundational discovery in AI**.

Collaboration Model

Depending on profile and interest:

- Scientific co-authorship

- Co-development of prototypes

- Research collaboration agreement

- Potential long-term partnership with **Neomundi-Labs**

- Access to the Law E roadmap, algorithms, and modules

Financial compensation or grants possible depending on later stages and industrial partnerships.

How to Apply

Send an email to:
lab**@neomundi.tech**

Include:

1. Short introduction

2. Area of expertise

3. Relevant projects or publications

4. Why you want to work on the first internal clock for AI

5. Availability (hours/week or project-based)

Selected applicants will be invited to a technical discussion with Sébastien Favre-Lecca and Neomundi-Labs.

A Note on Legacy

The collaborators of this project will become part of:

➡ **the first scientific team to define temporal continuity in AI**,
➡ **the first implementation of an internal clock**,
➡ **a historical moment in artificial cognition**,
➡ **a new discipline: thermodynamic–information intelligence.**

This is not incremental AI research.
This is **foundational work**.