

# PROGRAN

Nine lunch-time debating talks, starting in October 2024 and ending in June 2025 from noon to 2 pm

# Rolf Tarrach

Quantum physicist and Rector emeritus of the University of Luxembourg



Restaurant Bosque FeVi

Book your place: www.fevi.lu/reservations
T: +352 540228

40€ menu, drinks not included



# MINI-CONFERENCE CYCLE ON CONCEPTS ALLOWING A TRUSTWORTHY UNDERSTANDING OF CLIMATE CHANGE

### 1st October 2024

Energy: types, conservation, transformations, usefulness and what is left

### 12th of November 2024

Atoms, their nuclei, electromagnetism and the two nuclear forces

# 3rd of December 2024

Gravity and how the Sun works; the dream of controlled fusion

# 14 th of January 2025

Carbon's greenhouse gases: carbon dioxide and methane. The carbon cycle.

# 4th of February 2025

Oxygen, its cycle and transforming power. Life's mark

# 11th of March 2025

Water, its manifold and surprising features, and the role of oceans

# April

Monitoring human activity: the balances of complete cycles

# May

The atmosphere: its absorptivity, transparency, reflectivity and emissivity

### June

The Earth's outer layers and its energy flux (dis)equilibrium