

# **Thinking about Physics: An introduction to philosophy for physicists by Dr P Beltrame**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Lecture 1: Philosophical reading of physics

*Monday, 2 February 2026 17:00 (1h 30m)*

Reading list:

Lawrence Sklar. Philosophy of Physics - Introduction

A. Chalmers, "What is this thing called science", University of Queensland Press (1976). Chapter 1

Link on Wisp: <https://wisp.ph.liv.ac.uk/index.php/s/Q6HpnAnJezJDiYs>

Contribution ID: 2

Type: **not specified**

## **Lecture 2: Physics as human activity**

*Monday, 16 February 2026 17:00 (1h 30m)*

Reading list:

T. S. Kuhn, “The structure of Scientific Revolution”, University of Chicago Press (1962).  
Introduction, Chapter 4, Chapter 13

## **Lecture 3: The concept of truth in physics, and philosophy**

*Monday, 2 March 2026 17:00 (1h 30m)*

reading list:

G. Priest, "Logic. A very short introduction", Oxford University Press (2000).

## **Lecture 4: The existence of physical objects**

*Monday, 16 March 2026 17:00 (1h 30m)*

reading list:

A. Chalmers, “What is this thing called science”, University of Queensland Press (1976).  
Chapter 15, Chapter 16.

Contribution ID: 5

Type: **not specified**

## **Lecture 5: The scientific nature and validity of physical laws**

*Monday, 30 March 2026 17:00 (1h 30m)*

## **Lecture 6: The existence of physical laws**

*Monday, 13 April 2026 17:00 (1h 30m)*

reading:

- T. Hildebrand, “Laws of Nature”, Cambridge Element (2023). Introduction.
- E. K. Chen, “Laws of Physics”, Cambridge Element (2024). Introducyion, Chapter 2.

## **Lecture 7: What is fundamental**

*Monday, 27 April 2026 17:00 (1h 30m)*