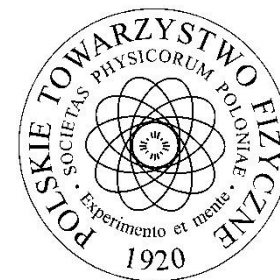


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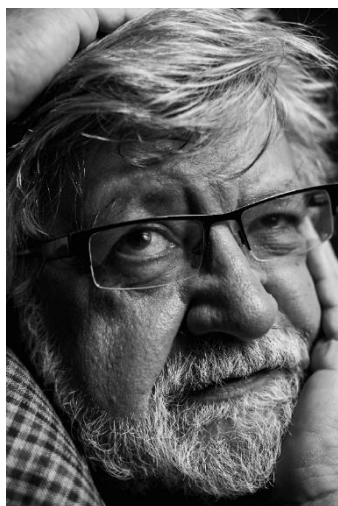
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Spotkanie zdalne poprzez platformę Teams

# KONWERSATORIUM

Czwartek, 22 maja 2025 r., godz. 16<sup>15</sup>



## Physics is One

Prof. Maciej Lewenstein

*The Institute of Photonic Sciences, Mediterranean  
Technology Park, Castelldefels, Spain*

### Streszczenie:

In my talk I will try to connect the research lines of the ten Nobel Prize winners, expected at the ICTP-LINCEI conference, which I attend in the end of May. My presentation will not follow chronology, but rather possible thematic connections and interplays. So, I will cover Bell correlations (A. Aspect), Bose-Einstein physics (E. Cornell, W. Ketterle), asymptotic freedom (D. Gross), laser cooling and frequency combs (T. Hänsch), topological order (D. Haldane), quantum jumps in single particle systems (S. Haroche), attosecond physics (A. L'Huillier). Neural networks and machine learning (G. Parisi), and laser cooling (W. Phillips). I might include comments about research lines of some to-be-Nobels.

Link do spotkania: [Join the meeting now](#)

Serdecznie zapraszamy 😊