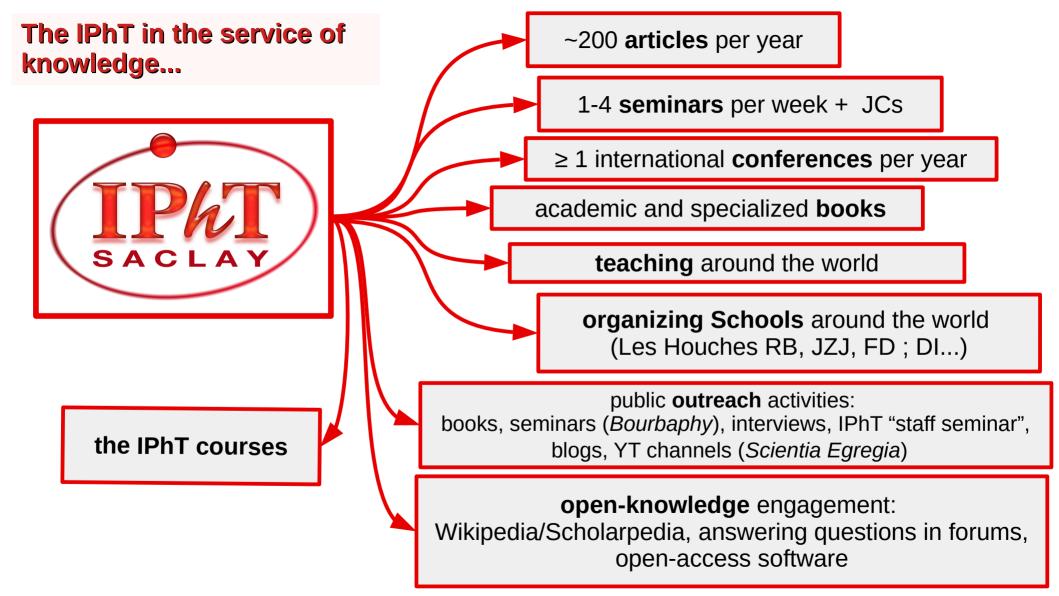
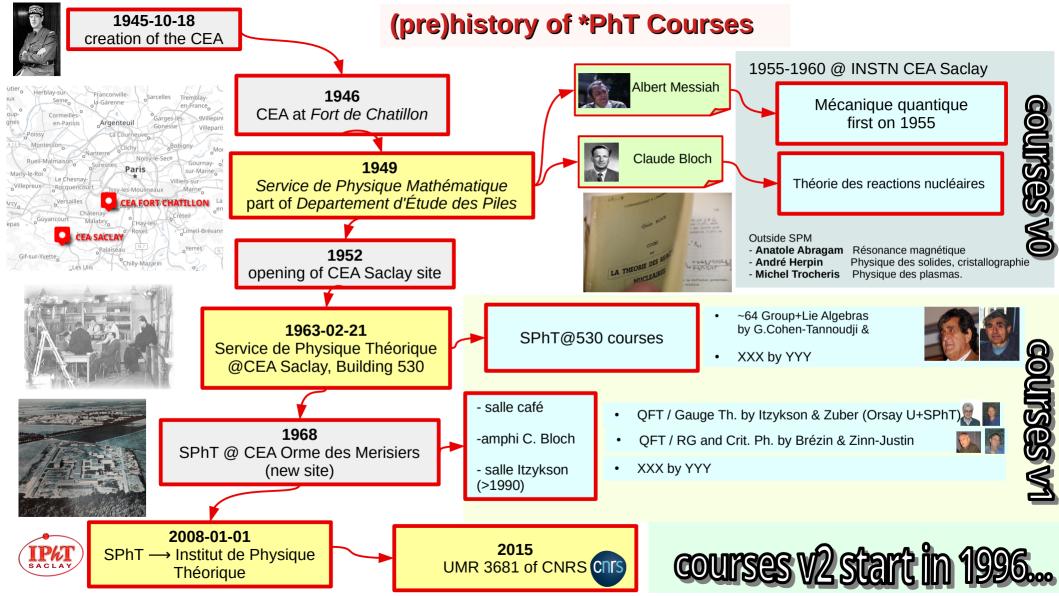
In the service of knowledge: courses and books at the *PhT



Riccardo Guida (with the help of many colleagues)





v2 = 124 courses and 119 speakers since 1996!!!



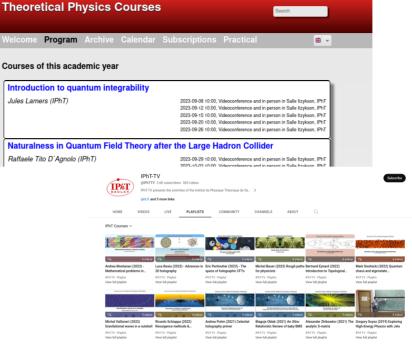
***PhT Courses v2: features**

- Lectures are typically in **English** and **open** to everyone.
- ~4-6 courses per year (up to pandemic).
- ~4-6 lectures per course , 2 hours per lecture (currently on Friday morning).
- The level of the courses varies on a case-by-case basis: from graduate to top-ofthe-notch-research level
- Lecture notes, review articles, and books, have been written following the courses.
- All courses are recognized by the graduate school EDPIF.
- To maximize the local audience, the choice of topics and speakers is done after an **IPhT-wide call for ideas** followed by a **survey**.

Milestones

- since 2015: dedicated **course website** containing course pages and archive
- since 11-2016: lectures are video-recorded and uploaded on IPhT-TV@youtube

 since 2021: live broadcasting on video-conference virtual room and on IPhT-TV



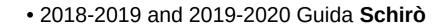


• since 2021: birth of the *IPhT Lecture Notes Series*, part of *SciPost Physics Lecture Notes*





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~43 scientific books at *PhT since 1963!!!



Théorie statistique des champs by David F. A Lie Group: Rotations in Quantum Mechanics by Normand D.-M. Zeta functions over zeros of zeta functions by Voros A. Leory of Simple Glasses by Parisi G., Urbani P., Zamponi F. Scattering in Quantum Field Theories by Iagolnitzer D. Random Matrices by Mehta M.C. Queen State of State of State of Theory of State of Owner & Theory of State of Device & Theory of Color of State of Theory of Finite Systems by Blaizot J.-P., Ripka G. Quantum Theory of Finite Systems by Blaizot J.-P., Ripka G. Quantum Many-Particle Systems by Negele J.W., Orland 14. Quantum Field Theory by Itzykson C., Zuber J.-I. Polymers in Solution, their Modelling and Structure by des Cloizeaux I., Jannink G. Conference of the second field and the second of the second secon String Theory compactifications by Grain M., Triandl H. Statistical Field Theory by Drouffe J.-M., Itzykson C. The Microphysics to Macrophysics by Balian R. Quantum Field Theory and Critical Phenomena by Zinn-Justin The Structure and Dynamics of Cities by Barthélémy M Methoder of we down a figure a processes on complex networks by Barrest A., Barthélémy M From Microphysics to Macrophysics by Balian R. Random Fields and Spin Glasses. A field Theory Approach by De Dominicis C., Giardina I. La fonction d'onde de Bethe by Gaudin M. Quantum Field Theory: From Basics to Modern Topics by Gelis F. The formalisms of quantum mechanics: an introduction by David F. Systèmes désordonnés unidimensionnels by Luck J.M. Counting surfaces by Eynard B.



