



Waiting for the Unexpected

With my research colleagues, I attempt to expose fundamental physics effects using very high precision experiments. We have to be extremely rigorous in our experimental set-ups to avoid the slightest parasitic noise and manage detection of very weak signals, but we also have to remain open to the unexpected and try new methods to make progress.

In practice, I combine intuition with advanced reasoning, and also a lot of tenacity. And I also progress thanks to exchanges between colleagues, especially when experiments do not produce the expected results.

Teaching is also a driving force for my research, because we have to adapt to the varied backgrounds of our undergraduate and graduate students. We thus always evolve and deepen new ways of teaching, or even techniques or theories that we had not yet studied or that have developed recently. So, after thirty years of research, I am still curious to explore and understand new physical processes.

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