

11/02/2022

Re: Letter of recommendation on behalf of Louis Jourdan

I know Louis Jourdan since two years, he followed my lectures on Quantum Mechanics II, General Relativity and Relativistic Quantum mechanics. He is a quiet student and one hears his voice only when he has a question. But those occasions show that he has a very good understanding and sense of physics.

His grades of M1 placed him into the upper 5% of an unusually strong class. His internship, made with my guidance together with another student in the second semester was the traditional one-loop renormalization of the ϕ^4 scalar model, the solution of the Wegner-Houghton equation for the renormalized trajectory and the determination of the phase structure. He made this work with ease and without any difficulty, it was a pleasure to follow his development. His interest is very wide and my impression, based on his remarkable analytic capabilities, is that he would succeed in any direction he chooses for the future. I would be glad to have PhD students like him, I expect Louis to become a colleague in the work within a short time.

I am convinced that he will become a successful physicist and recommend him with enthusiasm for the internship.



Janos Polonyi

in charge of M1