

I work in Molecular Luminescence group of P.N.Lebedev Physical Institute since 1994. Ivan Ivanov works in our group since May 1997, so I know him for 3.5 years. He works under my guidance under experimental investigation of J-aggregates luminescent properties and this is about a half of his work in the laboratory. We talk often not only about the research and I know him well.

Ivan is an assiduous, hard-working student. His background in optics, general physics and mathematics is very high. He easily learns new material and can answer a posed question very quickly. He is responsible and can work independently.

His work in the laboratory was very fruitful. He became familiar with various experimental techniques. Particularly he has a lot of experience in steady-state absorption and luminescence spectroscopy, sub-nanosecond time-resolved luminescence measurements, deposition of LB and spin-coating films of organic materials. This year Ivan gains an experience in Near Field Microscopy and in operating with helium cryostat. As a result he became a co-author of two published articles and one article in progress.

To his shortcomings I can ascribe some haste in the work resulting sometimes in inaccuracy. I think his forthcoming work under Ph.D. thesis will help him to improve this. It is maybe concerned with his aspiration to do too much work per day.

About his English I can mention that it is rather well. Ivan express thought in English easily both in written and oral form. He worked for a month in a research lab of the Catholic University of Leuven, Belgium speaking only in English and had no difficulties in communication.

As a whole I rank Ivan very high. I cannot compare him with the students of his group but I can approximately compare him with the students of his department of MIPT, which I also finished. I think he is comparable to the best students of the department.

I recommend him for admission and think he will be successful in the Ph.D. program of your university.

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