

Antworten von Dr. Viktor HOLUBEC vom 1.2.2024

auf unsere Fragen vom 9. Dezember 2023,

dokumentiert unter

www.anstageslicht.de/wissenschaftskriminalitaet/plagiate-uni-leipzig/plagiate-verantwortliche

Now, about your questions (for my convenience in English):

1) Were you aware of the unmarked copies from the joint publications in the two dissertations?

From all the theses based on publications I coauthored with the students, I always checked the acknowledgment and the authorship statement, giving details about the contributions of the student in question to the individual discussed publications. I found all these statements true and accurate. I have not read much more from the individual dissertations but after your email, I checked the students cited everything properly (in the beginning of chapters based on the individual publications this is always explicitly mentioned).

2) Do you know whether the approach taken by Mr. Geiß and Mr. Auschra was agreed with Prof. Dr. Kroy or other persons involved in the doctoral procedure?

No.

3) In what form did you collaborate on Mr. Geiß's dissertation?

I was a Humboldt postdoc in Kroy's group from 2017-2020, and afterward, we collaborated on solving a common DFG-GACR grant. I worked together with many students from groups led by Prof. Kroy and Prof. Cichos. The collaboration was standard; either one of the professors or I proposed an open problem, which was then solved by the students under our common supervision. I helped the students if they needed help formulating or solving equations, interpreting data, or when they needed help with computer simulations or numerics. This is how I also worked with Mr. Geiß. We solved several interesting physical problems this way. In publications where Mr. Geiß is the first author, he did the calculations, wrote and ran simulations, produced figures, and wrote the first versions of the publications. Prof. Kroy and I polished them. I haven't read the dissertation except what I wrote in point 1 above.

4) Did you support Mr. Auschra in writing his dissertation? If yes: In what form did you work on Mr. Auschra's dissertation?

I collaborated with Sven Auschra in the same way as with Daniel Geiss (point 3 above).

5) When exactly did you start working at the ITP in 2017 and when did you first meet Mr. Geiß at the ITP?

I started in June 2017. I do not remember exactly when Mr. Geiß entered the group, but we worked on the publication [Brownian molecules formed by delayed harmonic interactions - IOPscience](#) together in the way described in point 3 above.

6) In a lecture on November 7, 2023 at the Isaac Newton Institute in Cambridge, you mentioned that Mr. Geiß contributed a lot to the content of your lecture. Can you specify what Mr. Geiß contributed to the one-hour lecture?

The lecture was about the effects of time delay in active matter, which was the topic Mr. Geiß worked on for four years. He contributed to shaping the basics of my current understanding of the problem (specific contributions were the study of information propagation in an active system with delay, simulations for uncovering the effects of time delay on dynamical finite-size scaling in a system with delayed interactions, and the analytical study of a manybody system with delayed spring-like interactions mentioned in point 5). Per his study, the average Ph.D. student produces way more material than could fit into a one-hour lecture.

With best regards,

Viktor Holubec