Dear Dr. Gueroult,

I am writing to express my interest in the postdoctoral position titled “Importance of the plasma motion on wave propagation properties” at the Laplace Laboratory. I completed my Ph.D. in plasma physics and have a strong background in theoretical and computational plasma modeling, with a particular interest in wave–particle interactions and magnetized plasma dynamics.

My recent research has focused on Anomalous doppler effect which is related with the wave-particle interaction through angular momentum conservation analysis. I believe this experience aligns well with your project’s objectives on understanding the effects of plasma motion and rotation on wave propagation.

I am particularly drawn to this project because of its connection to both astrophysical and magnetic confinement fusion contexts, and its potential to bridge fundamental plasma theory with experimental validation. I am confident that my analytical skills, programming experience (MATLAB, Python), and enthusiasm for collaborative research would allow me to contribute effectively to your ongoing ANR-funded project.

Please find my CV, publication list, and contact details of referees attached. I would be grateful for the opportunity to discuss how my background could fit within your research team.

Thank you for your time and consideration. I look forward to your response.

Kind regards,

Xinhang