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Dear Pr. Diego Alonso Alvarez,

We have been following your work with great interest for some time (since 2017), in particular your software SOLCORE. We have reproduced some your results with satisfaction, specially the structures including quantum wells (InGaN/GaN, GdGaN/GdN,...).

I would like to introduce to you our group of researchers working in the LPDS laboratory at Bechar University (Algeria); we have been working in the field of solar cells since 2000, exploring different types and materials.

While we were using SOLCORE, we noticed that the data of a large number of materials and compounds are not included. Therefore, we called on other tools to calculate this data, if it is not found in literature, members of our team master the use of Ab initio first principle.

We will be very interested to collaborate with you and be able to make a more rich material data for the use with SOLCORE.

On the other hand, our group is at present time working in the field of betavoltaic batteries, we will be pleased if we could develop with your collaboration a new version of SOLCORE to include this effect.

We appreciate your time and look forward to hearing from you. Sincerely,

Dr. Amiri Benameur,
Pr. Belghachi Abderrahmane,