We would like to thank the reviewers for the helpful comments. Below are our responses to the comments.

**Comment 1.** The problem introduction is still spread out. I still see no point in having an informal description that is incomplete even more so because the informal description is no shorter than the formal one.

**Response.** We merged the formal problem description into the introduction and removed the problem definition section.

**Comment 2.** the authors say they use the method from [9, J. Edmonds and K.Pruhs. Scalably scheduling processes with arbitrary speedup curves, Proceedings of ACM-SIAM Symposium on Discrete Algorithms (SODA), pages 685-692, 2009] but important details differ from the source:

The authors claim that the potential function \( \phi(t) \) does not increase at certain points in time. Note that in [9] the discrete event condition is formulated as " \( \phi \) does not increase at an infinitesimal period of time \([t,t+dt]\)". I still do not understand what the authors mean, when they say "\( \phi \) is not increasing at a certain point", especially since \( \phi \) is not differentiable.

**Response.** We rewrote the proof using the same approach as [9], by considering an infinitesimal period of time instead of the rate of change of the potential function. Please see Section 2.3 for the change.