

April 12, 2023

Re.: Letter of Invitation for Mr. Mateus Bastos Neiva, Graduate Student (PhD)

Dear Graduate Program Coordination Committee:

I am pleased to invite **Mr. Mateus Bastos Neiva**, presently a doctoral student at Pontifical Catholic University of Rio de Janeiro (PUC-Rio), Brazil, to visit the Department of Civil and Environmental Engineering, Princeton University, United States of America. During the visit, he will work on the joint research PUC/Princeton entitled “*A New HRR Field (NHRR) for Elastoplastic Non-Singular Stress and Strain Fields at Blunted Cracks*” which has been approved to be partially developed at our institution, for a period of 6 months, from September 1st, 2023 to February 29th, 2024.

During the visit period in Princeton, we will provide a work space and necessary computational resources for development of the aforementioned work. All expenses associated with this visit must be covered by the Brazilian part.

Finally, Mr. Mateus B. Neiva’s visit will significantly contribute to strengthen the collaborative academic efforts between Princeton (US) and PUC-Rio (Brazil).

Sincerely yours,



Glaucio H. Paulino, F.AAM., F.USACM, F.IACM, F.EMI, F.ASME, F.SES
Margareta E. Augustine Professor of Engineering
Member, US National Academy of Engineering