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Letter of Invitation:

Dear Dr. Renato Negrão,

We are pleased to invite you to CERN, the European Organization for Nuclear Research in 2021, to participate on the activities of the High Granularity Timing Detector (HGTD), a phase-II upgrade project for the ATLAS detector. These activities involve the validation of key aspects of the detector at CERN in 2021 and 2022.

This work will be done within the ATLAS Collaboration, and will be supervised at CERN by Dr. Stefan Guindon. The focus Renato's project at CERN will be the study of the first full sized HGTD modules (LGAD silicon sensor + Front end ASIC). These will be assembled and brought to CERN where they will be installed on the cooling plate. Renato will participate in the assembly of the modules and flexible PCBs which will be assembled at CERN. This loading procedure is a very important step to validate the loading of the final detector and will foresee the full readout path from HGTD modules to a peripheral electronics board demonstrator. The full readout chain will be exercised and studied to ensure a time resolution of 30ps is achievable for the detector in early 2022.

We look forward to you coming to CERN and wish you an excellent stay at CERN.

Yours sincerely,
Stefan Guindon

A handwritten signature in black ink, appearing to read "Stefan Guindon", with a horizontal line extending from the end.