



Cornell University

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Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE)

**Prof. Swapan Chattopadhyay
Director, Cockcroft Institute and
Sir John Cockcroft Professor of Physics
Univ. Liverpool, Manchester, and Lancaster**

Dear Swapan,

I have been extremely pleased to hear about the extension of the Cockcroft Institute's grant to 2017. This reflects the high respect your institute has earned. Therefore, please accept my sincere congratulations to you personally and to the full Cockcroft Institute's team.

The wide applications of particle accelerators are apparent, in elementary-particle physics, nuclear physics, medicine, and through x-ray applications in nearly all disciplines of the natural sciences. And the public as well as funding agencies have become more and more cognizant of these applications. However, many are not aware of the complexity of accelerators, and of the stable and long term funding needed for their development. The creation of the Cockcroft institute, and now its grant renewal have shown that your funding agencies are aware of this need for stability, and I explicitly welcome the many years of extension to 2017.

I remember well how your inaugural speech as Director of the Cockcroft Institute highlighted the breadth of the field of accelerator physics and technology. And over the years it has become clear that you are shaping a broad view for your institute. It encompasses a wide range of accelerator physics questions, from the LHC upgrade, from linear colliders and the muon collider, from light source accelerators, and many more. And the institute is not only wide in its choice or research subjects, but perhaps consequently, also very wide in its impact and its choice of collaborators.

As a collaborator in the international CW cryomodule collaboration, which uses technology from my laboratory at Cornell, and from other institutions to assemble and operate an SRF cryomodule at Daresbury, I am particularly aware of the international collaborative spirit that has been fostered in the Cockcroft institute. And as chair of the Scientific Advisory Committee, I am aware of important contributions to other collaborations across the world.

The international accelerator physics community therefore profits from your grant as well. As part of it, I therefore thank you for your good work; keep it up and may it result in many more grant renewals.

A handwritten signature in black ink, reading "Georg Hoffstaetter".

Georg Hoffstaetter, Professor