Space Science and Applications Group   August 31, 2019
(ISR-1)
Los Alamos National Laboratory

Dear Team Hiring Manager,

As a budding and motivated physicist, I am extremely interested in joining the Space Science and Applications Group to contribute toward ongoing and future applied and basic science missions. I would like to apply for the position.

I am currently a post-doctoral researcher at the University of California, Berkeley with expertise in particle transport simulations working in the field of particle/nuclear physics.

With regard to my ability to meet the specific requirements of this job:

- **Education:** Received PhD in 2016 with 6 years of experience working on particle transport simulations, algorithm software development, and large-scale data analysis for novel particle detection technologies.
- **Experience in simulation:** 8 years of experience working with GEANT4 modeling radiation transport and effects on real hardware as well as photon propagation.
- **Demonstrated record of recent publications and presentations:** Contributed work published in various journals, and oral presentations given at institutions such as Lawrence Livermore National Laboratory, Fermilab, Argonne National Laboratory.
- **Ability to work independently and as a member of a team, with good communication skills:** Worked in 3 multinational collaborations comprised of physicists and engineers in Japan, Italy, US. Mentored PhD-level students and increased team productivity by organizing group initiatives.
- **Ability to obtain a DOE "Q" clearance:** US citizen.

I would appreciate an opportunity to meet and discuss my application at an interview. I have also sent my resume and other relevant documents for your consideration. Please feel free to let me know if you have any questions.

Thank you for your time,

Michinari Sakai

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