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Prof. Maury Tigner,  
Director, Cornell Laboratory for Accelerator Sciences and Education,  
Laboratory for Elementary-Particle Physics (LEPP),  
Cornell University, Ithaca, NY

Dear Maury,

It is my pleasure to write the specific commentary on the importance of what Bob (Robert Meller of Cornell University) is doing for ATF activities as part of the ATF International Collaboration:

### **1. Leadership abilities for ATF International Collaboration**

This would include the ability to inspire and organize people to work towards a common goal, communications skills, decision making abilities, and the ability to form and work cooperatively within collaborations involving multiple institutions.

Since I have done many R&D's for linear collider with members of TB (ATF Technical Board) since 2005, I can appreciate Bob's ability which is giving great contributions to inspire and organize people from SLAC, LBNL, LLNL, US Universities, UK institutes and FNAL towards the R&D's for the linear colliders. Bob is one of members of the TB. His communications skills and decision making abilities are very efficient because I many times recognized his helps when I had international meetings for R&D programs with beam studies on KEK-ATF. Usually, he belongs to many research groups from multiple institutes to efficiently coordinate, for example, Nano-BPM (Nano-meter beam position monitor) group and FONT group are mainly coordinated by him and his colleagues under his suggestion. I am sure that his leadership abilities also are useful for the education of young researchers.

### **2. Achievements**

What would I identify as Bob's most significant achievements to date (scientific/technical)?

The development of Locking circuit box for Cavity Nano-BPM in 2006 is essential to process the signal from Cavity BPM. It is related to scientific/technical achievements. Recently, his suggestion to development of microwave detector on CSR (Coherent Synchrotron Radiation) study was helpful and Ph.D. student succeeds in increase of bunch intensity which is stored in ATF Damping ring as one of the application of the CSR detector system. Now, advanced beam tuning technique is growing up for ILC by international collaboration under his good coordination.

I think he likes working area in the accelerator facility, good communication with students, technicians and physicists usually. He can understand the situation of many staffs and make the decision with appropriate and balanced direction.

Best regards,  
Junji

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Junji Urakawa', with a long horizontal flourish extending to the right.

Junji Urakawa, Professor. Head of KEK-ATF  
Inter-University Research Institute Corporation  
High Energy Accelerator Research Organization (KEK)  
The Graduate University for Advanced Studies  
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