

Cover Letter

Irakli Chakaberia
Kansas State University

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Postdoctoral Position Carnegie Mellon University - BELLEII / BESIII Experiments

Dear Dr. Briere,

I am a PhD student at the Kansas State University in the final phase of my studies. Since 2007 I have been working on the CMS experiment and have acquired experience with its hardware, software and data analysis techniques. I am very interested in the postdoctoral position at the Carnegie Mellon University for the BELLEII and BESIII experiments.

Besides the physics data analysis skills, I have strong software and programming skill, which are indivisible part of the modern particle physics and would prove very useful if I am selected for the position, especially that the position involves software development for the new BELLEII experiment. I have developed the CMS online monitoring tools as part of the WebBased Monitoring team. Further, I have experience with the commissioning and calibration of the CMS pixel detector, as well as hardware development for the pixel detector upgrade.

I believe, the skills and experience I have summarized above make me a strong candidate for the postdoctoral position.

My curriculum vitae describes my contributions to the publications I have listed and my research statement (attached below) provides more detail of my interests and experience.

The following referees will provide the recommendation letters:

- **Dr. Tim Bolton** - Kansas State University : bolton@phys.ksu.edu
- **Dr. Danek Kotlinski** - Paul Scherrer Institute : danek.kotlinski@psi.ch
- **Dr. Kaori Maeshima** - Fermilab : maeshima@fnal.gov

I look forward to hearing from you. Please, feel free to contact me if you need any additional information.

Sincerely,

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