

Nomination for CB Chair of the DRD7 Collaboration

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Statement

It is a great honor for me to have been nominated for the position of Collaboration Board Chair of the DRD7 Collaboration.

Particle Physics is even more a global challenge now than when the large LHC collaboration started. Designing new and more performant detectors requires access to costly technologies and very specialized expertise, which is always scarce. The DRD model implemented as an ECFA action, is a way to address these issues which may change the paradigm of how the R&D in the technologies needed for the progress of Nuclear and Particle Physics is organized. Even if the model is built on top of some successful collaborations, RD53 is a brilliant example, it still must be proven in practice, and this is the big challenge of all DRDs.

In this transition, I am willing to serve the DRD7 Collaboration in the building of a strong cohesive framework, developing Electronics which will be the backbone of the next generation of experiments. As you can see from my CV, I am not a hardcore expert in Electronics, even if I have been working together with excellent scientists in the field for almost 25 years. What I can bring in the management structure of the Collaboration is my experience in large scientific collaborations, where I could see the needs and the difficulties of the institutes, both big and small, the points of view of the different funding agencies as well as the fact that large projects rely on the ability of the community to work coherently as a whole.

If elected as CB chair, my top priority will be setting up the collaboration rules so that we can smoothly proceed to signing a framework MoU that will allow to officially start the working projects we have already signed in.

My duty as CB Chair will be to prepare a path in which all participating institutes will feel involved in the definition of the collaboration structure and could express their preference among the viable options. The most relevant topics will be the definition of governance, the decision to have or not a minimal common fund for the collaboration operation, and the rules to accept in the Collaboration new institutes and projects.

Indeed, to me DRD7 should target to become the center of attraction of the best experts in Electronics within the Nuclear and Particle Physics community. I expect that, if the DRD model proves attractive, additional forces with strong capabilities and bright ideas would like to join our collaborative framework, and this will be a key ingredient in pursuing the DRD7 mandate.

I am committed to working together with the steering committee, with the future governance and with the funding agencies or institute representatives, to make DRD7 a strong and successful Collaboration.