



**ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE  
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH**

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This letter concerns the confirmation of the personal contribution made by Artem Maevskiy to the TRT software developments. Artem was working on the implementation of argon and krypton-based active gas mixtures in the TRT Simulation model. He made a big contribution to finalise the TRT digitization model based on comparison of the data and simulations. During 2013-2014 thanks to his effort a significant improvement in the description of the processes in the TRT active gas was accomplished. He proved, for instance, that there was an error in the model describing ionization losses in the active gas lead to a double counting of delta-electron contribution. Artem was a leading physicist, who worked on the implementation of the krypton-based active gas mixture for the TRT Simulation. Thanks to his very significant effort parameters of ionisation and Transition Radiation were tuned to achieve the remarkable agreement between data and simulations.

I acknowledge Artem's contribution to the above-mentioned tasks and think that this is natural if he presents them in his PhD thesis.

Sincerely,  
ATLAS TRT Project Leader

A handwritten signature in blue ink, appearing to be "A. Romaniouk", written over a horizontal line.

Prof. Anatoli Romaniouk