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Geneva, 19 August 2016

TO WHOM IT MIGHT CONCERN

Dear Sir or Madam,

On behalf of the ATLAS Collaboration we would like to confirm the personal contribution made by Artem Maevskiy to the ATLAS results in the area of B-physics, which are presented in his Ph.D. thesis to be defended at the Lomonosov Moscow State University.

Artem has joined the B-physics group in 2012, contributing first to studies performed in the *rare-decays* subgroup, and then in the *B-to-J/ψ* subgroup.

He has made an essential contribution to the measurement of CP violation parameters in the  $B_s^0 \rightarrow J/\psi \phi$  decays with the ATLAS 8 TeV *pp* collision data. Artem joined this analysis in 2014 participating in the studies of the fractions of resonant  $B_d^0 \rightarrow J/\psi K^{*0}$  and  $B_d^0 \rightarrow J/\psi K^+ \pi^-$  backgrounds. He has contributed significantly to the modeling and estimation of the resonant background from the  $\Lambda_b^0 \rightarrow J/\psi p^+ K^-$  channel and to the related studies of systematic uncertainties, addressing one of the major referee's comments after the submission of corresponding paper to JHEP in 2016 (arXiv:1601.03297 [hep-ex]).

Artem also participated in the measurement of the  $B^\pm$ -meson mass with first 13 TeV ATLAS *pp* collision data in 2015. This result was released as a conference note in 2015 ( *$B^\pm$  mass reconstruction in  $B^\pm \rightarrow J/\psi K^\pm$  decay at ATLAS at 13 TeV *pp* collisions at the LHC*, ATLAS-CONF-2015-064). Artem's contribution was modeling, tuning and fitting of the resonant  $B^\pm \rightarrow J/\psi \pi^\pm$  background channel and performing relative studies of the systematic uncertainties.

We acknowledge Artem's contribution to the above-mentioned results and do not object him to present them in his Ph.D. thesis.

Yours sincerely,

Handwritten signature of Sandro Palestini in blue ink.

Sandro Palestini  
CERN, EP Department  
*B-Physics and Light States* Group Co-Convener  
of the ATLAS Collaboration

Handwritten signature of Darren Price in blue ink.

Darren Price  
University of Manchester, School of Physics and Astronomy  
*B-Physics and Light States* Group Co-Convener  
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