

The 8th International Conference "Distributed Computing and  
Grid-technologies in Science and Education" (GRID 2018)



Contribution ID: 250

Type: **Poster presentations**

## Application of Hubzero platform for the educational process in astroparticle physics

*Monday, 10 September 2018 16:00 (1 hour)*

In the frame of the Karlsruhe-Russian Astroparticle Data Life Cycle Initiative it was proposed to deploy an educational resource *astroparticle.online* for the training of students and graduate students in the field of astroparticle physics. This resource is based on HUBzero, which is an open-source software platform for building powerful websites, which supports scientific discovery, learning, and collaboration. HUBzero have been deployed on the servers of Matrosov Institute for System Dynamics and Control Theory. The educational resource *astroparticle.online* is being filled with the information covering cosmic messengers, astroparticle physics experiments and educational courses and schools on astroparticle physics. Furthermore, the educational resource *astroparticle.online* can be used for online collaboration. We present the current status of this project and our first experience of application of this service as a collaboration framework.

This work was financially supported by Russian Science Foundation and Helmholtz Society, Grant No. 18-41-06003. The developed educational resources were freely deployed on the cloud infrastructure of the Shared Equipment Center of Integrated Information and Computing Network for Irkutsk Research and Educational Complex (<http://net.icc.ru>).

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**Session Classification:** Poster Session