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Personal

Born on July 12, 1973.

Ethiopian Citizen.

Education

Ph.D. Candidate Space Physics, Bahir Dar University, 2009 to present.

M.Ed. Physics, Bahir Dar University, 2007.

B.Sc. Physics, Addis Ababa University, 2004.

Employment

Lecturer, University of Bahir Dar, Ethiopia: July 2007-Present..

Graduate assistant, University of Bahir Dar, Ethiopia: March 2005-July 2007.

High School Physics Teacher, Ethiopia: July 1995 - Feb., 2004.

Publications

Journal Articles

1. T. Kassa, B. Damtie and E. Yizengaw, The Response of Ethiopian Ionosphere to the Magnetic Storm of 11 October 2008. *Latin American Journal of Physics Education*. Vol. 6, No. 2, Mexico, June, 2012.
2. Tsegaye K. and Baylie D., Hydrostatic Equilibrium in modeling the neutral atmosphere. *Latin American Journal of Physics Education*. Vol. 4, No. 2, Mexico, May, 2010.
3. Tsegaye K., Baylie D. and Dejine S., Computer based teaching aid for basic vector operations in higher institution Physics. *Latin American Journal of Physics Education*. Vol. 4, No. 1, Mexico, January, 2010.
4. Tsegaye K., and Baylie D., Impacts of computer Simulation on Students' Achievement, Group interaction and Attitude in Direct Current Circuits, *The Ethiopian Journal of Higher Education (EJHE)*, Vol. 4 No. 1, Addis Ababa, Ethiopia, 2007.
5. Tsegaye K., Demonstrating the Physics of Simple Pendulum Via Computer Simulation. *The Ethiopian Journal of Science and Technology*. Vol. 44, No. 1, 57-58, Bahir Dar University, Bahir Dar, Ethiopia, October, 2006.

Thesis in book format

1. Tsegaye K., Impacts of Computer Simulations, *LAP LAMBERT Publishing GmbH and Co. KG*, Heinrich-Bocking-Str. 6-8, 66121 Saarbrücken Germany, 2011.

Proceedings

1. Tsegaye K., Baylie D., and Dejine S., Virtual Teaching Aid for the Concepts of Basic Vector and Kinematics Operations in High School, the 26th Annual Educational Seminar (May seminar), May 9-10, 2008, Bahir Dar University, Ethiopia.
2. Tsegaye K., and Baylie D., Impacts of Computer Simulation on Students' Achievement, Group Interaction and Attitude in Direct Current Circuit, International Conference on Physics Education ICPE2007, Nov 11-16, 2007, Marrakech, Morocco.
3. Tsegaye K., Virtual Systems for the Physics of Projectile Motion, the 25th Annual Educational Seminar (May seminar), May 25-26, 2007, Bahir Dar University, Ethiopia.
4. Tsegaye K., Demonstrating the Physics of Simple Pendulum Via Computer Simulation, the 24th Annual Educational Seminar (May seminar), May 19-20, 2006, Bahir Dar University, Ethiopia.