

Bibliography

- American Association of Physics Teachers (1977), compiled (1999). *A Guide to Introductory Physics Teaching*, from <http://www.aapt.org/Policy/goaloflabs.cfm>
- Aniebonam, M.C. (2002). Improving Human Capital Development in Africa through Effective Distance Education. In: *Internet and Multimedia Systems and Applications Conference Proceedings*.

- Clough, M. P. (2002). Using the laboratory to enhance student learning. In: R.W. Bybee (ed.), *Learning Science and the Science of Learning*. (85–97). Washington. DC: National Science Teachers Association.
- Darmofal, D. L., 1, Soderholm, D. H., & Brodeur, D.R. (2002, November 6–9). *Using concept maps and concept questions to enhance conceptual understanding*, 32nd ASEE/IEEE Paper presented at Frontiers in Education Conference. Boston, Massachusetts.
- Derrick L.C. (2002). *Globalisation, knowledge, education and training in the information age*.
- Feisel L.D., Rosa A.J. (2005). The Role of the Laboratory in Undergraduate Engineering Education, *J. Eng. Educ.* 93, 121.
- Gröber, S., Vetter, M., Eckert, B. & Kodl, H.J. (2007). Experimenting from a Distance – Remotely Controlled Laboratory (RCE L), *Eur. J. Phys.* 28, 127.
- Lustigova,Z. & Zelenda,S. (1996). Remote laboratory for science education. In: *New ways of teaching physics-proceedings of GIREP – ICPE international conference*. (260–262). Ljubljana.
- Lustigova,Z. & Zelenda, S.(1996). Remote Laboratory for Distance Education of Science Teachers. In: *Collaborative Learning and Working with Telematics*. IFIP WG 3.6 Working Conference Vienna.
- Lustigová, Z. & Zelenda, S. (2001). Remote and Open Web Based Laboratory for Science Education (ROL). In *Proceedings of International Conference on Emerging Telecommunications Technologies and Applications*. ICETA. (235–241). Kosice.
- Ma, J., Nickerson, J.V. (2006). Hands-On, Simulated, and Remote Laboratories: A Comparative Literature Review. *ACM Computing Surveys*, 38(3).
- Magin, D.J., Reizes, J.A. (1990). Computer simulation of laboratory experiments: An unrealized potential. *Comput. and Education* 14(3), 263–270.
- Matthias, M., Pfeiffer, O., Thomsen, Ch. & Tschirner, N. (2006). Design and Realization of Multimedia-Examinations for large Numbers of Participants in University Education. *International Journal of Emerging Technologies in Learning iJET*, 1.
- Mechlová, E., et al (1999). *Výkladový slovník fyziky pro základní vysokoškolský kurz*. Praha: Prometheus.
- McDermott, L.C., Redish, E.F. (1999). Resource Letter: PER-1: Physics Education Research, *Am. J. Phys.* 67(9).
- Qin, D., Johnson, W. & Johnson, R.T., (1995). Cooperative versus competitive efforts and problem solving. *Review of Educational Research*, 65(2), 129–143.
- Sheridan, T.B. (1992). Musings on telepresence and virtual presence. *Presence: Teleoper. Virtual Environ.* 1, 120–125.

- Schauer, F, Kuřitka, I. & Lustig, F. (2006). Creative Laboratory Experiments for Basic Physics Using Computer Data Collection and Evaluation Exemplified on the Intelligent School Experimental System (ISES) , in Innovations , *World Innovations in Engineering Education and Research, iNEER Special Volume 2006* (305–312).
- Schumacher, D. (2007). Student undergraduate laboratory and project work, *Editorial to the special issue, Eur. J. Phys.* 28.
- Thomsen C., Jeschke, S., Pfeiffer, O. & Seiler R. (2005). *e-Volution: eLTR – Technologies and Their Impact on Traditional Universities* in Proceedings of the Conference: EDUCA online, ISWE GmbH, Berlin.
- Wieman, C. (2006). New instrument for measuring student beliefs about physics and learning physics: The Colorado Learning Attitudes about Science Survey, *Phys.Rev. Spec. Topics – Phys. Educ. Res.* 2.
- Wieman, C. & Perkins, K. (2006). A powerful tool for teaching science, *Nature physics* 2, 290