

## References

- [Arteaga02] Arteaga, C., Fabregat, R.: **Integración del aprendizaje individual y del colaborativo en un sistema hipermedia adaptativo**. IE2002. 2002.
- [Barros00] Barros, B., Verdejo, M.F.: **DEGREE: un sistema para la realización y evaluación de experiencias de aprendizaje colaborativo en enseñanza a distancia**. Revista Iberoamericana de Inteligencia Artificial. Vol 9, 27-37. 2000.
- [Barros98] Barros, B., Verdejo, M.F.: **Designing Workspaces to support collaborative learning**. In: Pobil, A.P., Mira, J., Moonis, A. (eds.): Tasks and Methods in Applied Artificial Intelligence. LNAI, Vol. 1416, 668-677. Springer-Verlag 1998.
- [Benkiran02] Benkiran, M.A., Ajhoun, R.: **An Adaptive and Cooperative Telelearning System: SMART-Learning**. International Journal on E-Learning, 66-72. Año 2002.
- [Benkiran03] Benkiran, M.A., Ajhoun, R., M.: **SMART-Learning: Adaptive Telelearning System on the Web**. Workshop on Information Technology. Morocco. 2003.
- [Borghoff00] Borghoff, U., Schlichter, J.: **Computer-Supported Cooperative Work - Introduction to Distributed Applications**. Springer. 2000.
- [Bravo00] Bravo, C., Redondo, M.A., Bravo, J., Ortega, M.: **DomoSIM-Col: A simulation collaborative environment for the learning of domotic design**. IGCSE Bulletin (ACM) Inroads, 65-67, vol. 32, no.2, june 2000.
- [Brown89] Brown, J.S., Collins, A., Duguid, P.: **Situated Cognition and the Culture of Learning**. Educational Researcher; v18 n1, 32-42. 1989.
- [Bruffee95] Bruffee, K.: **Sharing our toys- Cooperative learning versus collaborative learning**. Change, 12-18. 1995.
- [Bruner66] Bruner, J.: **Toward a Theory of Instruction**. Cambridge, MA: Harvard University Press. 1966.
- [Brusilovsky01] Brusilovsky, P. **Adaptive hypermedia**. User Modeling and User-Adapted Interaction, 11. Kluwer Academic Publishers, 87-110. 2001
- [Brusilovsky96a] Brusilovsky, P.: **Methods and techniques of adaptive hypermedia**. User Modeling and User Adapted Interaction, v 6, n 2-3, 87-129. 1996.
- [Brusilovsky96b] Brusilovsky, P., Schwarz,E., Weber, G.: **ELM-ART: An intelligent tutoring system on World Wide Web**. Third International Conference on Intelligent Tutoring Systems, ITS-96. Lecture Notes in Computer Science, Vol 1086. Berlin: Springer Verlag, 261-269. 1996.
- [Brusilovsky98a] Brusilovsky P., Kobsa A., Vassileva J.: **Adaptive Hypertext and Hypermedia**. Kluwer Academic Publishers 1-43. 1998.
- [Brusilovsky98b] Brusilovsky, P., Eklund, J.: **A Study of User Model based Link Annotation in Educational Hypermedia**. Universal Computer Science, 4 (4), 429-448. 1998.
- [Carro01] Carro, R.M.: **Un mecanismo basado en tareas y reglas para la creación de sistemas hipermedia adaptativos: aplicación a la educación a través de Internet**. Tesis doctoral. Departamento de Ingeniería Informática. UAM. 2001.
- [Carro02] Carro, R.M., Pulido, E., Rodríguez, P.: **Developing and Accessing Adaptive Internet-based Courses**. In: Jain, L.C., Howlett, R.J., Ichalkaranje, N.S., Tonfoni, G. (eds.): Virtual Environments for Teaching and Learning. World Scientific Publishing Company, 111-149. 2002.

## References

- [Carro03b] Carro, R.M., Ortigosa, A., Martín, E., Schlichter, J.: **Dynamic Generation of Adaptive Web-based Collaborative Courses**. CRIWG 2003. Groupware:Design, Implementation and Use. Lecture Notes in Computer Science. Volumen 2806, 191-198. Springer-Verlag, Berlín, Heidelberg. 2003.
- [DeBra02a] De Bra, P., Aerts, A., Smits, D., Stash, N.: **AHA! Version 2.0, More Adaptation Flexibility for Authors**. Proceedings of the AACE ELearn'2002 conference.
- [DeBra02b] De Bra, P., Aerts, A., Smits, D., Stash, N.: **AHA! The Next Generation**. ACM Conference on Hypertext and Hypermedia. May 2002.
- [DeBra03] De Bra, P., Aerts, A., Berden, B., De Lange, B., Rousseau, B., Santic, T., Smits, D., Stash, N.: **AHA! The Adaptive Hypermedia Architecture**. Proceedings of the ACM Hypertext Conference. UK. August 2003.
- [DeBra98] De Bra, P., Calvi, L.: **AHA! An open Adaptive Hypermedia Architecture**. The New Review of Hypermedia and Multimedia, vol. 4, 115-139, Taylor Graham Publishers. 1998.
- [DeSantis87] DeSantis, G., Gallupe, B.: **A Foundation for the Study of Group Decision Support Systems**. Management Science, Vol. 33, No. 5, 589-609. Mayo 1987.
- [Dillenbourg96] Dillenbourg, P., Baker, M., Blaye, A., O'Malley, C.: The evolution of research on collaborative learning. In E. Spada and P. Reiman (Eds.), Learning in Humans and Machine: Towards an interdisciplinary learning science, 189-211. Oxford: Elsevier. 1996.
- [Dillenbourg99a] Dillenbourg, P. **Collaborative learning: cognitive and computational approaches**. Elsevier, Oxford. 1999
- [Dillenbourg99b] Dillenbourg, P.: **What do you mean by "Collaborative learning"?** In P. Dillenbourg (Ed.), Collaborative Learning Cognitive and Computational Approaches, 1-19. Oxford: Elsevier Science Ltd. 1999.
- [Ellis91] Ellis, C. A., Gibbs, S. J., Rein, G. L.: **Groupware: Some issues and experiences**. Communications of the ACM, 34(1), 38-58. 1991.
- [Engeström97] Engeström, Y.: **Learning by Expanding: An activity-Theoretical Approach to Development Research**. Helsinki: Orienta-Konsultit Oy. 1997.
- [Furugori02] Furugori, N., Sato, H., Ogata, H., Ochi, Y., Yano, Y.: **COALE: Collaborative and Adaptive Learning Environment**. CSCCL 2002, 493-494. 2002.
- [Galán03] Galán, A.: Aplicación de la Tele-Enseñanza a la docencia interdisciplinar relacionada con los problemas del medio ambiente. Proceedings I Jornada sobre Nuevas Tecnologías en la Innovación Educativa. 2003.
- [Gaudioso02a] Gaudioso, E., Boticario, J.G.: **WEBDL Un sistema adaptativo para el aprendizaje cooperativo a distancia a través de Internet**. Jornadas de Ingeniería del Software y Bases de Datos, taller "Sistemas Hipermedia Adaptativos y Colaborativos". El Escorial, Madrid, 18-22. 2002.
- [Gaudioso02b] Gaudioso, E., Boticario, J.G.: **Supporting personalization in virtual communities in distance education**. In L.C.Jain and R.J.Howlett, editors, Virtual Environments for Teaching and Learning. World Scientific Publishing Company Pte Ltd. 2002.
- [Gottdenker02] Gottdenker, J.S., Remidez, H., Hong, R., Yoon, S., Amelung, C., Musser, D. R., Laffey, J.M.: **Introduction to the Shadow netWorkspace**. Proceedings CSCCL 2002, 527-528.
- [Johnson02] Johnson, D.W., Johnson, F.P.: **Joining together: group theory and group skills**. Pearson Allyn & Bacon. 2002

## References

- [Johnson72] Johnson, R.T., Johnson, D.W.: **The effects of other's actions, attitude similarity, and race on attraction toward others.** Human Relations, 25(2). 1972
- [Johnson75] Johnson, D.W., Johnson, F.P.: **Learning Together: Group Theory and Group Skills.** Pearson Education 1975. ISBN 0-205-36740-2
- [Johnson84a] Johnson, D. W., Johnson, R.T., Holubec, E.J.: **Cooperation in the Classroom.** Edina, MN: Interaction Book Company. 1984
- [Johnson84b] Johnson, D. W., Johnson, R.T., Holubec, E.J., Roy, P.: **Circles of Learning: Cooperation in the Classroom.** Alexandria, VA: Association for Supervision and Curriculum Development, 1984.
- [Johnson85] Johnson, D.W., Johnson, R.T., Roy, P., Zaidman, B.: **Oral interaction in cooperative learning groups: Speaking, listening and the nature of statements made by high, medium and low-achieving students.** Journal of Psychology 119. 303-321. 1985
- [Johnson91] Johnson, D. W., Johnson, R. T., and Smith, K.: **Cooperative learning: Increasing college faculty instructional productivity.** (ASHEERIC Higher Education Report No. 4). Washington, DC: The George Washington University, School of Education and Human Development. 1991
- [Johnson98] Johnson, D.W., Johnson, F.P.: **Learning together and alone: cooperative, competitive, and individualistic learning.** Pearson Allyn & Bacon. 1998.
- [Kaye92] Kaye, A.R.: **Collaborative learning through computer conferencing: the Najaden papers.** Nato Asi Series (Vol F:90). Springer-Verlag. 1992.
- [Kobsa99] Kobsa, A., Koenemann, J., Pohl, W.: **Personalized hypermedia presentation techniques for improving on-line customer relationships.** Technical report No. 66 GMD, German National Research Center for Information Technology, St. Augustin, Germany. 1999.
- [Koschman96] Koschmann, T.: **Paradigms shift and instructional technology.** In T. Koschmann (Ed.), CSCL: Theory and practice of an emerging paradigm, 1-23. Mahwah, NJ: Lawrence Erlbaum Associates. 1996.
- [Kuutti91] Kuutti, K.: **The concept of activity as a basic unit of analysis for CSCW research.** Bannon, Robinson & Schmidt 1991, 249-264. 1991.
- [Kuutti92] Kuutti, K., Arvonen, T.: **Identify Potential CSCW Applications by means of Activity Theory Concepts: A Case Example.** Proceedings CSCW 1992, ACM Press, 233-240.
- [Laister02] Laister, J., Kober. S.: **Social Aspects of Collaborative Learning in Virtual Learning Environments.** Networked Learning 2002 (Conference). Sheffield University.
- [Laroussi98] Laroussi, M., Benahmed, M.: **Providing an Adaptive Learning through the web case of Cameleon: Computer Aided Medium for Learning on Networks.** Proceedings of CALISCE'98 4th Int. Conf. on Computer Aided Learning and Instruction in Science and Engineering, 411-416. Goteborg, Sweden, 1998.
- [Martín03a] Martín, E., Carro, R.M., Ortigosa, A., Schlichter, J.: **Generación dinámica de Espacios de Colaboración en Cursos Adaptativos basados en la Web.** CAEPIA & TTIA 2003. Taller: Trabajo en Grupo y Aprendizaje Colaborativo: experiencias y perspectivas. Proceedings, 143-152. San Sebastián (Spain).
- [Martín03b] Martín, E., Carro, R.M., Ortigosa, A., Schlichter, J.: **Building Adaptive Collaborative Workspaces For E-Learning.** M-ICTE 2003. Advances in Technology-Based Education: Towards a Knowledge-based Society. Vol. I, 573-577. Junta de Extremadura. Conserjería de Educación, Ciencia y Tecnología (Eds).

## References

- [Murray03] Murray, T.: **MetaLinks: Authoring and affordances for conceptual and narrative flow in adaptive hyperbooks**. J. of Artificial Intelligence and Education, Vol. 13 (Special Issue on Adaptive and Intelligent Web-Based Systems). 2003.
- [Murray99] Murray, T., Condit, C., Piemonte, J., Shen, T., Kahn, S.: **MetaLinks-A Framework and Authoring Tools for Adaptive Hypermedia**. Proc. of AIED99, 744-746. France.
- [Ortega01] Ortega, M., Paredes, M., Redondo, M.A., Sánchez, P.P., Bravo, J.: **AULA: A Ubiquitous Language Teaching System**. Upgrade Vol. II, 5, 17-22. 2001.
- [Palincsar84] Palincsar, A.S., Brown, A.L.: **Reciprocal teaching of comprehension-fostering and comprehension-monitoring activities**. Cognition and Instruction, 1, 117-175. 1984
- [Panitz97] Panitz, T., Panitz, P.: **Collaborative versus Cooperative Learning: Comparing Two Definitions Helps Understand the nature of Interactive Learning**. Cooperative Learning and College Teaching, V8, No. 2, Winter 1997.
- [Paredes02] Paredes, P., Rodriguez, P.: **Considering Sensing-Intuitive Dimension to Exposition-Exemplification in Adaptive Sequencing**. In: De Bra, P., Brusilovsky, P., Conejo, R. (eds.): Adaptive Hypermedia and Adaptive Web-Based Systems. LNCS 2347, 556-559. Springer-Verlag. 2002.
- [Paredes03] Paredes, P., Rodriguez, P.: **Incorporating learning styles into the User Model**. Advances in Technology-Based Education: Toward a Knowledge-Based Society, Vol. II, 774-778. 2003.
- [Prentzas02] Prentzas, J., Hatzilygeroudis, I., Garofalakis, J.: **A Web-based Intelligent Tutoring System Using Hybrid Rules as its Representational Basis**. In Cerri, S., Gouardères, G., Paraguaçu, F. (eds.): Intelligent Tutoring Systems. LNCS 2363, 119-128. Springer. 2002.
- [Sanrach00] Sanrach C., Grandbastien M.: **ECSAIWeb: A Web-Based Authoring System to Create Adaptive Learning Systems**. In: Brusilovsky P., Stock O., Strapparava C. (eds): Adaptive Hypermedia and Adaptive Web-Based Systems. LNCS 1892, 214-226. Springer-Verlag. 2000.
- [Schlichter97] Schlichter, J. **Lecture 2000: More than a course across wires**. Teleconference – The Business Communications Magazine, 18-21. 1997.
- [Schwartz91] Schwartz, D.L., Black, J.B., Strange, J.: **Dyads have Fourfold Advantage over Individuals Inducing Abstract Rules**. Paper presented at the annual meeting of the American Educational Research Assn. Chicago, IL, April 1991.
- [Schwartz95] Schwartz, D.L.: **The emergence of abstract representations in dyad problem solving**. The journal of learning sciences, 4, 321-354. 1995
- [Sharan94] Sharan, Y., Sharan, S.: **Group Investigation in the cooperative classroom**. In Sharan, 97-114. 1994.
- [Singer88] Singer, J., Behrend, S., Roschelle, J.: **Children's collaborative use of a computer microworld**. Proceedings CSCW'88, 271-281. Oregon. 1988.
- [Slavin80] Slavin, R.E.: **Cooperative learning**. Review of Educational Research 50, 315-342. 1980.
- [Slavin90] Slavin, R.E.: **Cooperative Learning-Theory, Research and Practice**. Englewood Cliffs, NJ: Prentice Hall. 1990
- [Slavin96] Slavin, R. E.: **Cooperative learning in middle and secondary schools**. Clearinghouse, 69 (4), 200-204. 1996.
- [Soller00a] Soller, A., Cho, K., Lesgold, A.: **Adaptive support for collaborative learning on the internet**. ITS (Intelligent Tutoring System) conference, Montreal, Canada. 2000.

## References

- [Soller00b] Soller, A., Lesgold, A.: **Knowledge Acquisition for Adaptive Collaborative Learning Environments**. AAAI Fall Symposium: Learning How to Do Things, Cape Cod, MA. 2000.
- [Soller01] Soller, A.: **Supporting Social Interaction in an Intelligent Collaborative Learning System**. International Journal of Artificial Intelligence in Education, 12(1), 40-62. 2001.
- [Suthers02] Suthers, D., Xu J.: **Kukakuka: An Online Environment for Artifact-Centered Discourse**. Education Track of the Eleventh World Wide Web Conference. Honolulu 472-480. 2002.
- [Vizcaíno00] Vizcaíno, A., Contreras, J., Favela, J., Prieto, M.: **An Adaptive, Collaborative Environment to Develop Good Habits in Programming**. In: Gauthier, G., Frasson, C., VanLehn, K. (eds.): Intelligent Tutoring Systems 2000. LNCS 1839, 262-271. Springer. 2000.
- [Vygotsky78] Vygotsky, L.S.: **Mind in society: The development of higher psychological processes**. Cambridge MA: Harvard University Press. 1978.
- [Webb82] Webb, N.M.: **Group Composition, Group Interaction, and Achievement in small groups**. Journal of Educational Psychology, June, 1982, 74, 4, 475-484.
- [Webb89] Webb, N.M.: **Peer interaction and learning in small groups**. International Journal of Educational Research, 13, 21-39. 1989.
- [Weber01] Weber, G., Brusilovsky, P.: **ELM-ART: An Adaptive Versatile System for Web-based Instruction**. International Journal of Artificial Intelligence in Education, 12, 351-384. 2001.
- [Weber97] Weber, G., Specht, M.: **User Modelling and Adaptive Navigation Support in WWW-based Tutoring Systems**. Proceedings of UM97, 289-300. 1997.