Publications - Jens G. Pohl March 2008

A. BOOKS AND INSTRUCTIONAL MANUALS:

Pohl, Jens; 'The Emergence of Building Science: Historical Roots, Concepts, and Applications'; CADRC Center, Cal Poly, San Luis Obispo, California, 2007, ISBN 0-9763512-0-X (pp.326)

Pohl, Jens and Art Chapman; 'MS' Office Automation System for Architecture and Construction Offices; 9 volumes, Educol Inc., 1984 (pp.1410)

Pohl, J.G. and J.Conrad; Computer Systems and Programming in Architecture and Construction; Educol Inc., 1978 (pp. 432)

Pohl, J.G.(ed.); Local Timeshare Computer Programs and BasicPlus for Architecture, Landscape Architecture, Construction Engineering and Architectural Engineering Students; El Corral, Cal Poly, Calif., USA, 1976

Pohl, J.G.(ed.); Time-Share Computer Programs for Architecture Students; Volume 1 & 2, El Corral, Cal Poly, Calif., USA, 1975

Pohl, J.G.; The Layman's Lumen, Natural and Artificial Lighting. El Corral, Cal Poly, Calif., USA, 1974

Pohl, J.G.; Room Acoustics and Noise Insulation. El Corral, Cal Poly, Calif., USA, 1974

B. CHAPTERS IN BOOKS:

Pohl J.; 'Cognitive Elements of Human Decision-Making'; in Jain L. and G. Wren (eds.); 'Intelligent Decision Making: An AI-Based Approach'; Springer Verlag, New York, 2008.

Pohl J.; 'Intelligent Software Systems in Historical Context'; in Jain L. and G. Wren (eds.); 'Decision Support Systems in Agent-Based Intelligent Environments'; Knowledge-Based Intelligent Engineering Systems Series, Advanced Knowledge International (AKI), Sydney, Australia, 2006.

Pohl J. and L. Myers; 'ICADS: Integrated Knowledge-Based CAD System'; in I.Tommelein and M.Maher (eds.), Expert Systems for Civil Engineers: Integration Issues, ASCE Monograph Series, 1997 (pp.83-116)

Pohl J. and L. Myers; 'A Distributed Cooperative Model for Architectural Design'; in G.Carrara and Y.Kalay (eds.), Knowledge-Based Computer-Aided Architectural Design, Elsevier, Amsterdam, 1994 (pp.205-242).

Carnegie E.J. and J.G.Pohl; 'Agricultural Drying'; Solar Energy Technology Handbook (Chapter 8), Dickinson, W.C. and P.N.Cheremisinoff (eds.), Dekker Inc., 1978 (pp.277-296).

C. RESEARCH PAPERS:

Decision-Support Systems and Computer-Assisted Design

Pohl J.; 'Knowledge Management Enterprise Services (KMES): Concepts and Implementation Principles'; Pre-Conference Proceedings, Focus Symposium on Representation of Context in Software, InterSymp-2007, Baden-Baden, Germany, 31 July, 2007.

Pohl J.; 'Alternative Paths to Intelligent Systems'; Proceedings InterSymp-2007, 19th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, 30 July – 3 August, 2007.

Nibecker J., D. Taylor, R. Chambers, H. Larsen, K. Cudworth, C. Warren, M. Porczak, and J. Pohl; 'TRANSWAY: Planning with the Tabu Search Algorithm'; Focus Symposium on Advances in Intelligent Software Systems, Baden-Baden, Germany, August 8, 2006 (Pre-Conference Proceedings, June 2006).

Pohl J.; 'Elements of Human Decision-Making'; Proceedings InterSymp-2006; Advances in Computer Cybernetics, Vol. XIII, The International Institute for Advanced Studies in Systems Research and Cybernetics, Baden-Baden, Germany, August 7-12, 2006.

Pohl J.; 'Goods Movement Security: An Information Technology Approach'; Proc. InterSymp-2005, Baden-Baden, Germany, August 1-5, 2005

Pohl J.; 'Interoperability and the Need for Intelligent Software'; 6th Office of Naval Research (ONR) Workshop on Collaborative Decision-Support Systems, Quantico, VA, Sep.8-9, 2004.

Pohl J., K. Pohl, R. Leighton, M. Zang, S. Gollery and M. Porczak; 'The TIRAC[™] Development Toolkit: Purpose and Overview'; CDM Technical Report (CDM-17-04), CDM Technologies, Inc., San Luis Obispo, California, August 2004.

Pohl J., K. Pohl, R. Leighton, M. Zang, S. Gollery and M. Porczak; 'The ICDM Development Toolkit: Purpose and Overview'; CDM Technical Report (CDM-16-04), CDM Technologies, Inc., San Luis Obispo, California, May 2004.

Pohl J (ed.); 'Developing the New Infostructure'; ONR Workshop Series on Collaborative Decision-Support Systems, sponsored by The Office of Naval Research and hosted by the Collaborative Agent Design Research Center (CADRC), Cal Poly, San Luis Obispo (CA), at The Clubs at Quantico, US Marine Corps Base Quantico (VA), September 10-11, 2003. (Proceedings available from CADRC (Dec.'03), Cal Poly, San Luis Obispo, CA 92407.)

Pohl J.; 'The Evolution of Intelligent Computer Software and the Semantic Web'; InterSymp-2004, Focus Symposium on Intelligent Software Systems for the New Infostructure, Baden-Baden, Germany, July 29 to August 5, 2004 (Pre-Conference Proceedings, June 2004).

Pohl J., K. Pohl, R. Leighton, M. Zang, S. Gollery and M. Porczak; 'The ICDM Development Toolkit: Purpose and Overview'; CDM Technical Report (CDM-16-04), CDM Technologies, Inc., San Luis Obispo, California, May 2004.

Gollery S. and J. Pohl; 'TEGRID: Demonstration of a Semantic Web Environment'; InterSymp-2003, Focus Symposium on Collaborative Decision-Support Systems, Baden-Baden, Germany, July 28 to August 1, 2003 (Preconference Proceedings, June 2003).

Pohl J.; 'The Emerging Knowledge Management Paradigm: Some Organizational and Technical Issues'; InterSymp-2003, Focus Symposium on Collaborative Decision-Support Systems, Baden-Baden, Germany, July 28 to August 1, 2003 (Preconference Proceedings, June 2003).

Pohl J. (ed.); 'Proceedings of the Focus Symposium on Collaborative Decision-Support Systems'; 15th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 28 to August 1, 2003.

Pohl J.; 'Transformation: The Human Obstacles'; Working Group 32, 71st MORS Symposium, Military Operations Research Society, United States Marine Corps Base at Quantico, VA, June 10-12, 2003.

Goodman S. and J. Pohl; 'ICODES: A Ship Load-Planning and Control System'; 13th Ship Control Systems Symposium (SCSS), Orlando, Florida, April 7-9, 2003.

Gollery S. and J. Pohl; 'The TEGRID Semantic Web Application: A Demonstration System with Discovery, Reasoning and Learning Capabilities'; Office of Naval Research (ONR) Workshop Series on Collaborative

Decision-Support Systems, hosted by the Collaborative Agent Design Research Center (CADRC) of Cal Poly (San Luis Obispo) in Quantico, VA, September 18-19, 2002.

Pohl J (ed.); 'Transformation ...'; ONR Workshop Series on Collaborative Decision-Support Systems, sponsored by The Office of Naval Research and hosted by the Collaborative Agent Design Research Center (CADRC), Cal Poly, San Luis Obispo (CA), at The Clubs at Quantico, US Marine Corps Base Quantico (VA), September 18-19, 2002. (Proceedings available from CADRC (Dec.'02), Cal Poly, San Luis Obispo, CA 92407.)

Pohl J.; 'Some Thoughts on Human Nature: A Discussion of Human Strengths and Weaknesses'; InterSymp-2002, Focus Symposium on Collaborative Decision-Support Systems, Baden-Baden, Germany, July 29 to August 30, 2002 (Preconference Proceedings, June 2002).

Pohl J. (ed.); 'Proceedings of the Focus Symposium on Collaborative Decision-Support Systems'; 14th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 29 to August 3, 2002.

Pohl J.; 'The Meaning of an Information-Centric Computer Environment'; InterSymp-2001, 13th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 30 – August 3, 2001.

Pohl J (ed.); 'Continuing the Revolution in Military Affairs'; ONR Workshop Series on Collaborative Decision-Support Systems, sponsored by The Office of Naval Research and hosted by the Collaborative Agent Design Research Center, Cal Poly, San Luis Obispo (CA), at The Clubs at Quantico, US Marine Corps Base Quantico (VA), June 5-7, 2001. (Proceedings available from CADRC (Dec.'01), Cal Poly, San Luis Obispo, CA 92407.)

Pohl J. and T. Fowler (eds.); 'Proceedings of the Focus Symposium on Advances in Computer-Based and Web-Based Collaborative Systems'; 13th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 30 to August 3, 2001.

Pohl J., M. Porczak, K.J. Pohl, R. Leighton, H. Assal, A. Davis, L. Vempati and A. Wood, and T. McVittie, and K. Houshmand; 'IMMACCS: A Multi-Agent Decision-Support System'; Technical Report, CADRU-14-01, Collaborative Agent Design (CAD) Research Center, Cal Poly, San Luis Obispo, CA, June 2001. (2nd Edition)

Pohl J.; 'Computer-Based Reasoning as a Prerequisite for Intelligent Decision Support Systems'; Working Group 32, 69th MORS Symposium, Military Operations Research Society, United States Naval Academy, Annapolis, MD, Jun.12-14, 2001.

Pohl J.; 'Information-Centric Decision-Support Systems: A Blueprint for Interoperability'; Office of Naval Research (ONR) Workshop hosted by the CAD Research Center in Quantico, VA, June 5-7, 2001.

Wood A., K. Pohl, J. Crawford, M. Lai, J. Fanshier, K. Cudworth, T. Tate, H. Assal, S. Pan, and J. Pohl; 'SEAWAY: A Multi-Agent Decision-Support System for Naval Expeditionary Logistic Operations'; Technical Report, CDM-13-00, CDM Technologies, Inc. and Collaborative Agent Design Research Center, Cal Poly, San Luis Obispo, CA, December, 2000.

Pohl J., A. Wood and K. Pohl; 'IMMACCS: An Experimental Multi-Agent C2 System'; 5th International Command and Control Research and Technology Symposium, Canberra, Australia, October 24-26, 2000.

Pohl J., A. Chapman and K. Pohl; 'Computer-Aided Design Systems for the 21st Century: Some Design Guidelines'; 5th International Conference on Design and Decision-Support Systems in Architecture and Urban Planning'; Nijkerk, The Netherlands, Aug.22-25, 2000.

Pohl J. and T. Fowler (eds.); 'Proceedings of the Focus Symposium on Advances in Computer-Based and Web-Based Collaborative Systems'; 12th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 31 to August 4, 2000. Pohl J., A. Wood, K.J. Pohl and A. Chapman; 'IMMACCS: A Military Decision-Support System'; DARPA-JFACC Symposium on Advances in Enterprise Control, San Diego, California, Nov.15-16, 1999.

Pohl J. and A. Wood (eds.); 'A Decision-Making Tools Workshop'; Proc. (sponsored by Office of Naval Research), CAD Research Center, Cal Poly, San Luis Obispo, Apr.20-22, 1999.

Pohl J., M. Porczak, K.J. Pohl, R. Leighton, H. Assal, A. Davis, L. Vempati and A. Wood, and T. McVittie; 'IMMACCS: A Multi-Agent Decision-Support System'; Technical Report, CADRU-12-99, CAD Research Center, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, August 1999.

Pohl J. and T. Fowler (eds.); 'Proceedings of the Focus Symposium on Advances in Computer-Based and Web-Based Collaborative Systems'; International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 2-6, 1999.

Goodman S. and J. Pohl; 'ISMIS: A Military Transportation Decision-Support Framework'; in Pohl J. and T. Fowler (eds.) Advances in Computer-Based and Web-Based Collaborative Systems, focus symposium: International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 2-6, 1999 (pp.53-62).

Pohl J.; 'Collaborative Decision-Support and the Human-Machine Relationship'; Office of Naval Research (ONR) Workshop hosted by the CAD Research Center, Cal Poly, San Luis Obispo, CA, April 20-22, 1999.

Pohl J.; 'The Future of Computing: *Cyberspace*'; InterSymp-98 invited plenary session paper, Baden-Baden, Germany, August 17-21, 1998; (reprinted in: Advances in Sociocybernetics and Human Development, Vol.6 (G.E.Lasker ed.); Advances in Support Systems Research, Vol.4 (G.E.Lasker ed.); and, Advances in Computer Cybernetics, Vol.6 (G.E.Lasker ed.).

Pohl J.; 'Human-Computer Partnership in Decision-Support Systems: Some Design Guidelines'; InterSymp-97, focus symposium: Collaborative Design and Decision-Support Systems; Baden-Baden, Germany, August 19th, 1997. (Preconference Proceedings, pp.71-82)

Pohl J., A. Chapman, K. Pohl, J. Primrose and A. Wozniak; 'Decision-Support Systems: Notions, Prototypes, and In-Use Applications (with Emphasis on Military Applications)'; CAD Research Center Technical Report CADRU-11-97, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, 1997.

Pohl J.; 'Agents and their Role in Computer-Based Decision Support Systems'; in Pohl J.(ed.) Advances in Cooperative Environmental Design Systems, focus symposium: International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 14-18, 1996 (pp.41-54).

Pohl J.; 'Computer-Assisted Design with Agents: An Emerging Paradigm'; XIV National Meeting of Schools of Architecture, Asociacion Columbiana de Facultades de Arguitectura (ACFA) Santafe de Bogota, Colombia, October 21-23, 1996.

Pohl J.; 'A System Framework for Integrated Military Planning, Execution, and Training'; Working Document for the US Department of Defense, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, January 1996.

Pohl J.; 'The Representation Problem in CAD Systems: Solution Approaches'; InterSymp-95, Focus Symposium on Cooperative Computer-Assisted Environmental Design Systems, Baden-Baden, Germany, August 18th, 1995.

Pohl J.(ed.); 'Proceedings of the Focus Symposium on Advances in Cooperative Computer-Assisted Environmental Design Systems'; 8th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 16-20, 1995.

Pohl K.J., J.Taylor, L.Myers and J.Pohl; 'Inter-Process Communication in Support of the ICDM Framework'; Technical Report, CADRU-10-95, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, June 1995.

Pohl J., L.Myers and A.Chapman; 'Thoughts on the Evolution of Computer-Assisted Design'; Technical Report, CADRU-09-94, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, September 1994.

Myers L. and J.Pohl; 'ICDM: Integrated Cooperative Decision Making - in Practice'; 6th IEEE International Conference on Tools with Artificial Intelligence, New Orleans, Nov. 6-9, 1994.

Pohl J. (ed.) 'Advances in Computer-Based Building Design Systems'; proceedings, Focus Symposium on Computer-Based Building Design Systems, 7th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug. 15-21, 1994.

Pohl J.; 'Computer-Based Decision Support Systems: A New Generation of Software'; 7th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug. 15-21, 1994.

Pohl J. and L.Myers; 'A Distributed Cooperative Model for Architectural Design'; Automation in Construction, 3(2-3), July 1994 (pp. 177-185)

Poh1 J.(ed.); 'Advances in Computer-Assisted Building Design Systems'; proceedings, Focus Symposium on Computer-Assisted Building Design Systems, 4th International Symposium on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug.2-5, 1993.

Pohl J.; 'Computer-Based Cooperative Agents: An Emerging Paradigm'; Focus Symposium on Computer-Assisted Building Design Systems, 4th International Symposium on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 2-5, 1993.

Pohl J. and L.Myers; 'A Distributed Cooperative Model for Architectural Design'; Symposium on Knowledge-Based Systems for Architectural Design; Consiglio Nazionale Delle Ricerche, Rome, Italy, May 13-14, 1993.

Myers L., J.Pohl, K.Pohl and T.Rodriguez; 'The ICADS Kernel'; International Journal of CAD/CAM and Computer Graphics, 8(2), 1993 (pp.151-174)

Myers L., J.Pohl, J.Cotton, J.Snyder, K.J.Pohl, S.Chien, S.Aly and T.Rodriguez; 'Object Representation and the ICADS-Kernel Design'; Technical Report, CADRU-08-93, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, January 1993.

Pohl J., J.LaPorta, K.Pohl and J.Snyder; 'AEDOT Prototype(1.1): An Implementation of the ICADS Model'; Technical Report, CADRU-07-92, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, August 1992.

Pohl J.(ed.); 'Advances in Computer-Based Design Environments'; proceedings vol 1, Focus Symposium on Computer-Based Design Environments, 6th International Conference on Systems Research Informatics and Cybernetics, Baden-Baden, Germany, Aug. 18-19, 1992

Pohl J. and L.Myers; 'Requirements for Computer Based Design'; Focus Symposium on Computer-Based Design Environments, 6th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug. 18-19, 1992.

Myers L. and J.Pohl; 'Using Strategies in the ICADS Coordination Expert'; 3rd CSU Symposium on Artificial Intelligence, Long Beach, June 20-21, 1992.

Pohl J.; 'Prospects for Intelligent Computer-Aided Design'; Building Systems Automation - Integration'92, Dallas, Texas, June 11-12, 1992.

Pohl J., L.Myers and A. Chapman; 'The ICADS Model in Retrospect'; CIB W78 Workshop, Montreal, Canada, May 11-14, 1992.

Pohl J.; 'ICADS: An Intelligent Computer-Aided Design System'; SUPER-92 Conference, Pennsylvania State University, University Park, Pennsylvania, April 5-8, 1992.

Myers L. and J.Pohl; 'The ICADS Expert Design Advisor: An Aid to Reflective Thinking'; Knowledge-Based Systems, 5(1), March 1992 (pp.41-54)

Pohl J., L.Myers, J.Cotton, A.Chapman, J.Snyder, H.Chauvet, K.Pohl and J.La Porta; 'A Computer-Based Design Environment: Implemented and Planned Extensions of the ICADS Model'; Technical Report, CADRU-06-92, CAD Research Center, Design and Construction Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, 1992.

Pohl J. and L.Myers; 'ICADS: A Cooperative Decision Making Model with CLIPS Experts'; 2nd Annual CLIPS Conference, Johnson Space Center, Houston, Texas, Sep. 23-25, 1991.

Pohl J.(ed.); 'Computer-User Partnerships in Design'; Proceedings of Special Focus Symposium, 3rd International Symposium on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug. 13-14, 1991.

Lasker G.E., T.Koizumi and J.Pohl (eds.); 'Advances in Human Systems and Information Technologies'; Proc. InterSymp-91, Baden-Baden, Germany, August 6-12, 1991

Myers, L., J.Pohl and A. Chapman; 'Computer-Based Intelligent Design Assistance: Concepts and Strategies'; First International Conference on Artificial Intelligence in Design; June 25-27, Edinburgh, Scotland, UK, 1991.

Pohl J., L.Myers, A.Chapman, J.Snyder, H.Chauvet, J.Cotton, C.Johnson and D.Johnson; 'ICADS Working Model Version 2 and Future Directions'; Technical Report, CADRU-05-91, CAD Research Center, Design Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, 1991.

Pohl J., L.Myers, A.Chapman, L.Chirica, J.Snyder, H.Assal, J.Tay1or, C.Johnson and D.Johnson; KnowledgeBased CAAD and the CLIPS Expert System Shell'; Technical Report, CADRU-04-90, CAD Research Center, Design Institute, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA, 1990.

Lasker G.E., T.Koizumi and J.Pohl (eds.); 'Advances in Information Systems Research'; Proc. InterSymp-90, Baden-Baden, Germany, August 6-12, 1990

Pohl,J., L.Myers and A.Chapman; 'ICADS: An Intelligent Computer-Based Design Environment'; CSU Symposium on Artificial Intelligence, California Polytechnic State University, San Luis Obispo, Calif., USA, June 1990

Pohl, J., L.Myers and A.Chapman; 'ICADS: An Intelligent Computer-Aided Design Environment'; Proc. ASHRAE Conference, St. Louis, USA, June 9-13, 1990

Pohl J.(ed.); 'Knowledge-Based Systems in Building Design'; Proceedings of Special Focus Symposium, 5th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, Aug. 7-8, 1990.

Taylor, J. and J.Pohl; 'A Geometry Interpreter for Extracting Architectural Objects from the Point/Line Schema of a CAD Database'; Proc. Intersymp-9 0, Baden-Baden, West Germany, August 6-12, 1990

Pohl, J. and J.Cotton; 'ICADS Working Model Version 1: A Responsive CAD Environment'; Proc. Intersymp-90, Baden-Baden, West Germany, August 6-12, 1990 Myers, L. and J.Pohl; 'ICADS DEMOI: A Prototype Working Model'; Proc. 4th Eurographics workshop, Paris, France, April 24-27, 1990

Pohl, J. and A.Chapman; 'Expert Systems for Architectural Design'; Journal of Real Estate and Construction, 1(1), August, 1990, Singapore

Pohl, J., L.Myers, A.Chapman and J.Cotton; 'ICADS: Working Model Version 1'; Technical Report: CADRU-03-89, CAD Research Center, Design Institute, Cal Poly, Calif., USA, 1989

Pohl,J.G. and L.Myers; 'Implementation Strategies for an Intelligent CAAD System'; 2nd International Symposium on Systems Research, Informatics and Cybernetics, Baden-Baden, WestGermany, August 11-16, 1989

Pohl,J.G.; 'Artificial Intelligence in the CAD System Environment'; Architectural and Engineering Systems, Vol.S, No. 6, June 1989 (pp.48-50)

Pohl,J.G.; 'ICADS: A Prototype Intelligent CAAD System'; Proc. CIB'89 XIth International Congress (Theme III, Vol.1 (pp.401-10), Paris, France, June 19-23, 1989 (Reprinted: Building Research and Practice, Journal of the CIB, No.6, Nov./Dec. 1989 (pp.319-326))

Pohl, J.G., L.Myers and A.Chapman; 'An Implementation Model for an Intelligent CAD System'; IBM Grantee School Consortium, Technical Reports, Vol.2, 1989

Pohl, J.G. and A.Chapman; 'The Expert Design Generator'; Architectural and Engineering Systems, Vol.5, No.1, January 1989 (pp.14-8,60)

Pohl,J.G, A. Chapman, L.Chirica and L.Myers; 'ICADS: Toward an Intelligent Computer-Aided Design System'; Technical Report: CADRU-01-88, CAD Research Center, Design Institute, Cal Poly, Calif., USA, 1988

Pohl,J.G., A.Chapman, L.Chirica, R.Howell and L.Myers; 'Implementation Strategies for a Prototype ICADS Working Model'; Technical Report: CADRU-02-88, CAD Research Center, Design Institute, Cal Poly, Calif., USA, 1988

Pohl, J., Chapman, A., Chirica, L. and L.Myers; 'ICADS: An Intelligent Computer-Aided Design System'; Design Methods and Theories (Journal of the DMG), Vol.22, No.1, 1988 (pp.749-94)

Pohl, J. and A.Chapman; 'An Expert Design Generator'; Architectural Science Review, Vol.31, No. 3, 1988 (pp.73-86)

Pohl,J. and A. Chapman; 'Embedding Intelligence in ComputerAided Design'; Proc. Sixth Annual CAEP Users' Meeting, San Diego, Feb. 9-11, 1988 (Naval Weapons Center, China Lake)

Pohl,J.; 'Building a Prototype Intelligent CAAD System'; Proc. 4th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, West Germany, Aug. 15-21, 1988

Pohl,J.G. and A. Chapman; 'Embedding Intelligence in Computer-Aided Design'; IBM Grantee School Consortium, Technical Reports, Vol.1, 1988

Pohl,J. and A. Chapman; Probabilistic Risk Management1; Building and Environment, Vol.22, No. 3, 1987

Pohl,J.G.; 'Computers in Architectural Education'; National Computer Conference, AFIPS Conference Proceedings, Vol.44, 1975 (pp.913-25)

Jens Pohl, College of Architecture and Environmental Design, Cal Poly, San Luis Obispo, CA 93407 (805-756-2841)

Pohl,J.G., Lim,B.P. and R.Aynsley; 'Computer Applications in Architectural Science'; Technical Report #5, Architecture and Building Research Laboratory, University of New South Wales, Australia, 1970

Pohl,J.G.; 'The Use of Digital Computers by Architectural Science Research Students in Australia'; Fifth Conference of the Australian and New Zealand Architectural Science Assoc., Architectural Science Review, March 1970

Lightweight Building Structures

Pohl, J.G. and R.S. Sanchez; 'Fluid Supported Building Systems'; IABSE Colloguium on Thin-Walled Metal Structures in Buildings, Poster Sessions, Stockholm, Sweden, June 9-12, 1986 (pp.22-3)

Montero J and J.G. Pohl; 'The Multi-Enclosure Air-Supported Dwelling'; IASS WCOSE-76 Conference, Montreal, Canada, July 1976 (paper 156)

Pohl,J.G. and J.Montero; 'The Multi-Story Air-Supported Greenhouse - A Feasibility Study'; Architectural Science Review, Sept. 1975 (pp.50-59)

Pohl,J.G. and J.Montero; 'The Construction of Two Prototype Multi-Story Air-Supported Buildings'; Build International, Vol.6, No. 6, Dec. 1973

Pohl,J.G.; 'Multi-Story Air-Supported Buildings'; Asian Building and Construction, Hong Kong, Sept. 1973

Pohl,J.G.; 'Multi-Story Fluid-Supported Building Systems'; Proc.IASS Second International Symposium on Pneumatic Structures, Delft, The Netherlands, Sept. 1972

Pohl,J.G. and H.J.Cowan; 'Multi-Story Air-Supported Building Construction'; Build International, April 1972

Pohl,J.G.; 'The Reinforcement and Bracing of Multi-Story Pneumatic Buildings'; Architectural Science Review, March 1971

Pohl, J.G.; 'The Structural Pressurized Flexible Membrane Column'; Architectural Science Review, Sept. 1970

Smith, P.R. and J.G.Pohl; 'Pneumatic Structures Applied to Multi-Story Buildings'; Progressive Architecture, Sept. 1970

Pohl,J.G.; 'Multi-Story Pneumatic Buildings as a Challenge to the Plastics Industry'; Building Science and Technology (Journal of the Building Science Forum of Australia) June 1967

Pohl,J.G. and N.J. Cowan; 'A Preliminary Investigation into the Load-Bearing Capacity of Open-Ended Cylindrical Columns Subjected to Internal Pressure'; Proc.IASS 1st International Colloquium on Pneumatic Structures, Stuttgart, West Germany, May 11-12, 1967 (pp.154-8)

Environmental and Solar Energy Systems

Haggard,K., Pohl,J. and P.Cooper; 'Application of the Skytherm System of Passive Heating and Cooling to a Moderate Density Office Building'; Proc.2nd National Passive Solar Conference, Philadelphia, USA, March 19-19, 1978

Carnegie, E.J. and J.G.Pohl; 'Construction of an Agricultural Solar Drying System'; Proc.1978 Annual Meeting (American Section) International Solar Energy Society, Denver, Colorado, USA, Aug. 28-31, 1978

Freeman,H.J. and J.G.Pohl; 'Economic Analysis Procedures for the Application of Solar Energy to the Food Drying Industry'; Proc.Rural Energy Conference, University of California at Davis, Jan. 12, 1977

Pohl,J.G.; 'Energy Conservation and Utilization - The Impact on Architectural Education'; Energy Review, April 1977

Niles, P.W., Carnegie, E.J., Pohl, J.G. and T.M.Chern; 'Design and Performance of an Air Collector for Industrial Crop Dehydration'; Proc.EDRA Workshop on Solar Energy, Washington, USA, Aug. 6-10, 1976

Pohl,J.G. and A.Basiulis; 'Fluid-Supported Structures and Environmental Control'; Proc.IASS WCOSE-76 Conference, Montreal, Canada, July 1976 (paper 155)

Miller, C.G. and J.G.Pohl; 'Stowable Inflatable Linear Focused Solar Thermal Energy Collector'; NASA New Technology Transmittal (NPO-13734), March 1975

Miller, C.G. and J.G.Pohl; 'Low Cost Three Dimensional Parabolic Solar Energy Concentrator'; NASA New Technology Transmittal (NPO-13736), March 1975

Acoustical Building Systems

Pohl,J.G.; 'Artificial Sound Blankets in Modern School Planning'; Architectural Science Review, June 1968

Clark, J.H., J.G.Pohl and M.Mian; 'The Distribution of Sound in Her Majesty's Theatre, Sydney'; Architectural Science Review, September 1967

Complex Adaptive Systems

Pohl,J.G.; 'Some Notions of Complex Adaptive Systems and Their Relationship to Our World'; in Pohl J. and Fowler T. (eds.) Advances in Computer-Based and Web-Based Collaborative Systems; proceedings InterSymp-99 Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, August 2-7, 1999 (pp.9-24).

Pohl J.; 'Adapting to the Information Age'; InterSymp-2000, 12th International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 31 – August 4, 2000.