

Publications - Mark Foy

2150 Ashby Ave; Berkeley, California 94705-1836 USA [San Francisco Bay Area]

Telephone: +1-510-666-8200 [Pacific Time Zone]

E-mail: mfoy@vitalita.com (or mfoy55@16mail.com)

(Latest publication list available at my URL: <http://www.vitalita.com/mfoy.html>)

Foy, M., M. Marchese, and G. Jacucci (1999). Engineering Plasma Spray Films by Knowledge Based Simulation. In: A. Baskin, G. Kovács, and G. Jacucci (Editors), *Cooperative Knowledge Processing for Engineering Design*, IFIP Conference Proceedings 137, ISBN 0-412-83750-1, Kluwer Academic Publishers, pp. 289-305. {Reference to Book and Contents} {Buy book at Amazon.com}

Jacucci, G., M. Foy, and C. Uhrík (1996). Developing Transportable Agricultural Decision Support Systems: Part 1 - A Conceptual Framework. *Computers and Electronics in Agriculture*, 14/4 (1996), Elsevier, Amsterdam, pp. 291-300. {Abstract in PDF} {Abstract on Web} {Scan of Entire Paper in PDF}

Jacucci, G., M. Foy, and C. Uhrík (1996). Developing Transportable Agricultural Decision Support Systems: Part 2 - An Example. *Computers and Electronics in Agriculture*, 14/4 (1996), Elsevier, Amsterdam, pp. 301-315. {Abstract in PDF} {Abstract on Web} {Scan of Entire Paper in PDF}

Jacucci, G., M. Foy, and C. Uhrík (1995). An Artificial Intelligence (AI) Methodology for the Adaptation of Agricultural Models. *Engineering Applications of Artificial Intelligence*, Pergamon Press Ltd. Oxford, UK. {Under Consideration for Publication} {Presented at The Second IFAC/IFIP/EurAgEng Workshop on Artificial Intelligence in Agriculture, Wageningen, The Netherlands, 29-31 May 1995 - Proc. pp. 143-148.} {Entire Paper in PDF}

Jacucci, G., M. Foy, and C. Uhrík (1995). A SYBIL DSS: A Transportable Computerized Decision Support System For Plant Protection. In: *Proc. of the 1995 Annual Conference of the Associazione Italiana per L'Informatica ed il Calcolo Automatico (AICA'95)*, Cagliari, Italy, 27-29 Sept. 1995. {Scan of Entire Paper in PDF}

Jacucci, G., M. Foy, and C. Uhrík (1995). Genetic Algorithms (GAs) in the Role of Intelligent Regional Adaptation Agents for Agricultural Decision Support Systems. In: D.W. Pearson, N.C. Steele, and R.F. Albrecht (Editors), *Proc. of the International Conference on Artificial Neural Networks and Genetic Algorithms (ICANN'95)*, Ecole Des Mines d'Ales, France, 18-21 April 1995, Springer-Verlag, pp. 428-431. {Entire Paper in PDF}

Jacucci, G., M. Foy, and C. Uhrík (1994). SYBIL DSS: Localization of Agricultural Risk Assessment Models. In: *Proc. of Decision Support 2001 (DSS2001)/The 17th Annual Geographic Information Seminar/The Resource Technology '94 Symposium*, Toronto, Canada, 12-16 Sept. 1994, American Society of Photogrammetry and Remote Sensing. {Entire Paper in PDF}

Foy, M., M. Marchese, L. Manini and G. Jacucci (1994). The FABERCOAT System: A Design Tool for Plasma-Sprayed Coatings. In: *Proc. of CIRP International Workshop on Design Theory and Methodology*, Stockholm, Sweden, 16-17 June 1994. {Scan of Entire Paper in PDF}

Foy, M. and C. Uhrík (1993). Exploiting Domain Knowledge, Neural Networks and Genetic Algorithms to Harvest Traffic Simulation Results. In: I. Mezgár and P. Bertók (Editors), *Knowledge Based Hybrid System*, Proceedings of the IFIP TC5/WG5.3/IFAC International Working Conference on Knowledge Based Hybrid Systems in Engineering and Manufacturing, KNOWHSEM '93, Budapest, Hungary, 20-22 April, 1993, ISBN 0-444-81484-1. IFIP Transactions, North-Holland, pp. 119-130. {Reference to Book and Contents} {Buy book at Amazon.com} {Scan of Entire Paper in PDF}

Foy, M., R. F. Benekohal, and D. E. Goldberg (1992). Signal Timing Determination Using Genetic Algorithms. *Transportation Research Record*, No 1365: Highway Capacity and Traffic Flow, National Academy Press, pp. 108-115. {Buy book at Amazon.com} {Scan of Entire Paper in PDF}

[This paper was presented by Mark Foy at the VACRO Day Workshop in Palermo, Italy on Oct. 24, 1994: SYBIL DSS - Agricultural Risk Assessment Models for Grapes. {Paper in PDF}]

- Foy, M. (1992). qscripts for finite element analysis packages now on Cray systems. *Data Link***, July-August 1992, pp.6-7.
- Foy, M. (1992). NASTRAN67 and qnastran now on CRAY Y-MP system. *Data Link***, July-August 1992, pp.27-33.
- Foy, M. (1992). GAUSSIAN92 and new qgauss script now on Cray systems and IBM cluster. *Data Link***, July-August 1992, pp.14-19.
- Foy, M. (1992). qabaqus simplifies job submission on ABAQUS users on Cray systems. *Data Link***, March-April 1992, pp.31-37.
- Foy, M. and D. Tafti (1992). FIDAP updated and qfidap script available on Cray systems. *Data Link***, January-February 1992, pp.19-25.
- Foy, M. (1991). qgeneric script helps Cray users submit NQS jobs. *Data Link***, September-October 1991, pp.16-30.
- Golab, J. and M. Foy (1991). GAUSSIAN90 ready to use on the Cray systems. *Data Link***, May-June 1991, pp.17-27.
- Golab, J. and M. Foy (1991). AMPAC gets a facelift on the Cray systems. *Data Link***, March-April 1991, pp.17-25.
- Golab, J. and M. Foy (1991). New version of GAMESS on Cray systems. *Data Link***, March-April 1991, pp.26-36.

****Data Link** is NCSA's technical newsletter. NCSA is the National Center for Supercomputing Applications at the University of Illinois at Urbana-Champaign.