

11. T. DeMarco, *Structured Analysis and Systems Specification*. Prentice-Hall, Englewood Cliffs, New Jersey (1978).
12. M. E. Dickover, C. McGowan and D. T. Ross, Software design using SADT. In *Structured Analysis and Design*, vol. 2, pp. 99–114. State of the Art Report, Infotech, Maidenhead, England (1978).
13. M. Hamilton and S. Zeldin, Higher order software: a methodology for defining software. *IEEE Transactions Software Engineering SE-2* (1), 9–36 (1976).
14. M. Hamilton and S. Zeldin, The functional life cycle model and its automation: USE.IT. *Journal of Systems and Software Science* 3 (3), 25–62 (1983).
15. M. A. Jackson, *System Development*. Prentice-Hall, Englewood Cliffs, New Jersey (1983).
16. S. S. Lamb *et al.*, SAMM: a modeling tool for requirements and design specification. In *Proceedings of 2nd IEEE International Computer Software and Applications Conference (Compsac '78)*, pp. 48–53. Silver Spring, Maryland (1978).
17. F. Land and R. Hirschheim, Participative systems design: rationale, tools and techniques. *Journal of Applied Systems Analysis* 10, 91–107 (1983).
18. R. J. Lauber, Development support systems. *IEEE Computer* 15 (5), 36–46 (1982).
19. J. Martin, *Program Design which is Provably Correct*. Savant Institute, Lancaster (1983).
20. J. Martin, *An Information Systems Manifesto*. Prentice-Hall, Englewood Cliffs, New Jersey (1984).
21. G. A. Miller, The magic number seven, plus or minus two: some limits on our capacity for processing information. *Psychological Review* 63, 81–97 (1956).
22. E. Mumford, *Designing Human Activity Systems*. Manchester Business School, Manchester (1983).
23. J. F. Nunamaker, A methodology for the design and optimization of information processing systems. In *Proceedings of AFIPS Conference*, vol. 38, pp. 283–293 (1971).
24. J. F. Nunamaker and B. R. Konsynski, Computer-aided analysis and design of information system. *Communications of the ACM* 19 (12): 674–687 (1976).
25. D. L. Parnas, Software aspects of strategic defense systems. *American Scientist* 73, 432–440 (1985).
26. L. J. Peters and L. L. Tripp, A model of software engineering. In *Proceedings of 3rd International Conference on Software Engineering*, pp. 63–70. Atlanta, Georgia (1978).
27. J. L. Peterson, *Petri Net Theory and the Modeling of Systems*. Prentice-Hall, Englewood Cliffs, New Jersey (1981).
28. W. Reisig, *A Petri Net Primer*. EATCS Monographs on Theoretical Computer Science, Springer-Verlag, Berlin (1984).
29. R. Rock-Evans (ed.), *Analyst Workbenches*. State of the Art Report, Infotech Pergamon, Maidenhead, England (1987).
30. D. T. Ross and K. E. Schoman, Structured analysis for requirements definition. *IEEE Transactions on Software Engineering SE-3* (1), 6–15 (1977).
31. O. Shigo, K. Iwamoto and S. Fujibayashi, A software design system based on a unified design methodology. *Journal of Information Processing* 3 (3), 186–196 (1980).
32. S. A. Stephens and L. L. Tripp, Requirements expression and verification aid. In *Proceedings of 3rd International Conference on Software Engineering*, pp. 101–108. Atlanta, Georgia (1978).
33. D. Teichroew and E. A. Hershey III, PSL/PSA: a computer-aided technique for structured documentation and analysis of information processing systems. *IEEE Transactions on Software Engineering SE-3* (1), 41–48 (1977).
34. D. Teichroew, P. Macasovic and E. A. Hershey III, and Y. Yamamoto, Application of the entity-relationship approach to information processing systems modelling. In *Entity-Relationship Approach to Systems Analysis and Design*, edited P. P. Chen, pp. 15–39. North-Holland, Amsterdam (1980).
35. W. Trattning and H. Kerner, EDDA: a very-high-level programming and specification language in the style of SADT. In *Proceedings of 4th IEEE International Software and Applications Conference (Compsac '80)*, pp. 436–443. Chicago (1980).
36. A. I. Wasserman, P. Freeman and M. Porcella, Characteristics of software development methodologies. Technical Report 63, Laboratory of Medical Information Science, University of California at San Francisco (1983).
37. Y. Yamamoto, An approach to the generation of software life cycle support systems. Ph.D. Thesis, University of Michigan (1981).
38. S. S. Yau and J. J.-P. Tsai, A survey of software design techniques. *IEEE Transactions on Software Engineering SE-12* (6), 713–721 (1986).
39. R. T. Yeh and P. Zave, Specifying software requirements. *Proceedings of IEEE* 68 (9), 1077–1085 (1980).
40. E. Yourdon and L. L. Constantine, *Structured Design: Fundamentals of a Discipline of Computer Program and Systems Design*. Prentice-Hall, Englewood Cliffs, New Jersey (1987).

Announcement

13–15 MAY 1991

Second Eurographics Workshop on Rendering,
Barcelona, Spain

Aims and scope

Following a successful workshop on photo-realistic rendering held in June 1990 in Rennes, and a meeting held during the Eurographics '90 Conference, we now announce a second workshop on rendering techniques. The aim of this workshop is to improve the exchange of experiences and knowledge between people interested in the different aspects of rendering techniques. The selected main topics for this workshop are the following.

- Radiosity.
- Ray tracing.

- Illumination models.
- Colour.
- Texture mapping.
- Sampling, filtering, anti-aliasing.

Workshop format

The workshop is limited to about 50 participants. Full papers will be presented to the plenum, while specialised groups will be formed for discussion sessions.

Venue and fee

The workshop will be held in Barcelona. The fee will be around 100 ECUs, including lunch and proceedings. The secretariat may help attendants to find accommodation.

Organisation

The workshop is organised by Eurographics Spanish chapter and the Department of Software (Computer Graphics Section) of the Universitat Politècnica de Catalunya and promoted by Eurographics and ATI (the Spanish Society for Computer Science).

Secretariat

X. Pueyo, Departament Llenguatges i Sistemes Informàtics, Universitat Politècnica de Catalunya, Av. Diagonal, 647 planta 8, 08028-Barcelona, Spain. Tel: 34-3-4016667; fax: 34-3-4016600. Email: eapueyo@ebrupc51.bitnet; xavier@lsi.upc.es.