

University of St Andrews
Department of Mathematical and Computational Sciences

Computational Science Division

**Annual Open Lecture Course
1993**

Computational Geometry

Thursday 15th and Friday 16th April 1993

Speakers:

Dr R Martin

University of Wales College Cardiff

Professor J Sack

Carleton University, Ottawa

The Speakers

Ralph Martin has been working in the field of CAD/CAM since 1979. He obtained his PhD in 1983 from Cambridge University for a dissertation on “Principal Patches”, and since then has been a Lecturer at the University of Wales College of Cardiff. He has published over 35 papers and 3 books covering such topics as surface modelling, intelligent sketch input, vision based geometric inspection and geometric reasoning. He is a Fellow of the Institute of Mathematics and its Applications, and a Member of the British Computer Society.

Dr. Jorg-Rudiger Sack received his first degrees from the Rheinische-Friedrich-Wilhelms University, Bonn, Germany, and obtained his doctorate in computational geometry from McGill University, Montreal in 1984. In 1983 he joined the School of Computer Science at Carleton University and assumed various functions including Director of the Ottawa-Carleton Institute for Computer Science. In addition to computational geometry, his research includes data structures and algorithms, and parallel and sequential computation. He is currently studying computational geometry on neural nets, parallel and sequential link distance problems and vector dominance. He is also directing a research project to build an object-oriented workbench for computational geometry. He has been on various program committees for international conferences and has edited several conference proceedings. In 1991 he took the position of editor-in-chief for the new journal *Computational Geometry: Theory and Applications* published by North Holland.

Venue

All lectures will be held in Lecture Theatre C in the Department of Mathematical and Computational Sciences, University of St Andrews.

Fee

The fee for the course to academic visitors to the University will be £10. This covers the cost of any duplicated material that will be handed out and also morning and afternoon tea or coffee and biscuits. The fee to industrial visitors is £50. The lectures are informal but as we are limited to a total audience of 120, we would ask you to inform us of your intention to attend together with your fee in advance. A copy of the full programme will be sent to you when available.

Accommodation

No special arrangements are being made for accommodation or meals but a list of hotels and bed and breakfast accommodation can be obtained from the Secretary, Department of Computational Science, North Haugh, St Andrews, Fife KY16 9SS (Tel: 0334 76161 ext 8262; e-mail: helen@uk.ac.st)

Timetable

April 15th 9.00- 9.50
 10.00-10.40
 10.40-11.00 *Coffee*
 11.00-11.50
 12.00-12.40
 14.00-15.00
 15.00-15.30 *Tea*
 15.30-16.30

April 16th 9.00 9.50
 10.00-10.40
 10.40-11.00 *Coffee*
 11.00-11.50
 12.00-12.40
 14.00-15.00
 15.00-15.30 *Tea*
 15.30-16.30

