

Main speakers

Baddeley	Stereology, Markov point processes
Frieden	Regularization, entropy methods
D. Geman	Bayesian methods
S. Geman	Stochastic models in tomography and speech recognition
Jain	Computer vision and object recognition
Shepp	Medical imaging and tomography
Simpson	Remote sensing of the environment
Switzer	Statistical methods in remote sensing

Contributed talks

Amit	Restoration using global shape models
Besag/York	Bayesian methods in spatial epidemiology
Bose	Scene analysis of gamma camera images
Boyce	Segmentation using co-occurrence matrices
Clifford	Segmentation in the continuum
Coleman	Recent work in mathematical morphology
Conradsen	Satellite imagery
Davies	Optimal regularization in deconvolution problems
Ellacott	Gamma camera imaging
Farmer	Simulation of structured stochastic noise
Giblin	Reconstruction of surfaces from profiles
Gidas	3-D shape reconstruction and parameter estimation
Godtliessen	Comparison of statistical methods in MRI
Graham	Grayscale mathematical morphology in biology
Green	Emission tomography
Howard	3-D measurements via confocal microscopy
Jennison/Jubb	Image refinement and segmentation
Karssemeijer	Segmentation in CT scans of the abdomen
Kent	Analysis of bone structures
Mardia	Statistical shape analysis
Middleton	Simulation of Markov polygonal images
Miller	Syntactic and stochastic methods in medical imaging
Mitter	Boundary detection via variational methods
Molina/Ripley	Deconvolution and recognition in optical astronomy
Possolo	Imaging genotypes
Roerdink	Dynamic imaging of the heart by NMR techniques
Settle	Remote sensing work at NERC
Titterton	Parameter estimation: from mixture data to noisy images
Trivedi	3-D motion
Wallace	Applications of neural networks, parallel computing
Wright	Edge finding using MRF's

Image Analysis - 21-31 July 1989

Workshops

Image metrics

Mathematical morphology

Parallel processing

Simulation methods

Young researchers

Meeting re CSS Initiative

Revised Programme for the
LMS Durham Symposium on Image Analysis

	Sat. 22nd	Sun. 23rd	Mon. 24th	Tues. 25th	Thurs. 27th	Fri. 28th	Sat. 29th	Sun 30th
9.15-10.30	Frieden 1 "	Frieden 2 "	Davies Roerdink	Jain 2 "	Wallace Molina/Ripley	Baddeley 2 "	Giblin Besag/York	Shepp "
11.00-12.15	Geman 1 "	Switzer 2 "	Jain 1 "	Amit Mardia	Baddeley 1 "	Geman 3 "	Simpson "	Green Miller
4.15- 6.00	Switzer 1 " Conradson	Settle Farmer Jennison/Jubb	Geman 2 " Titterington	Trivedi Wright Mitter	4.00 Howard Kent Coleman Graham	Clifford Boyce Gidas	4.00 Middleton Possolo Karssemeijer Simpson	Godtlibsen Ellacott Bose

Wednesday, 26th is the excursion day.

There will be a guided tour of the Cathedral on Monday afternoon.

Workshops

2.45
Postgraduates
3.00
CSS

2.00
Mathematical
morphology

2.30
Parallel
processing

2.00
Simulation
methods
3.00
Image metrics