

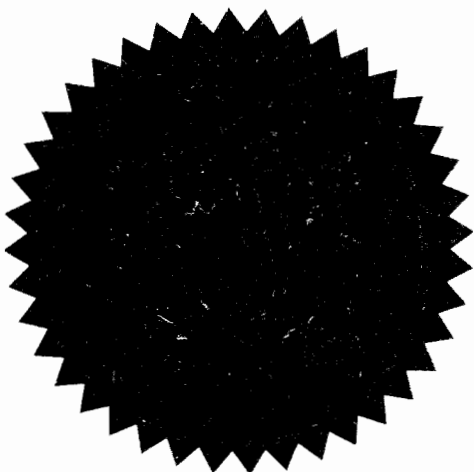
THE INSTITUTE OF PHYSICS



This is to certify that
at a meeting of Council in October 1999

P Hänggi

was elected a Fellow of
The Institute of Physics
and was thereby granted the title of
Chartered Physicist



Ganeth Roberts

PRESIDENT

Eric Jekeman

HONORARY SECRETARY