

calculus and C' is related to C as Gödel-Bernays set theory is related to ZF, if C is consistent, then so is C' , and Mostowski proved that any theorem of C' which can be formalized in C is a theorem of C . In 1954, Shoenfield gave a direct method for proving a contradiction in C from a contradiction in C' . He is also the author of the well-known textbook *Mathematical Logic*, first published by Addison-Wesley in 1967.

Turing Award to Robin Milner. The 1991 Turing Award of the Association for Computing Machinery (ACM) went to computer scientist Robin Milner of the University of Edinburgh in Scotland. Among the reasons for giving the award to Professor Milner, the ACM cited his work in LCF, the mechanization of Dana Scott's logic of computable functions, which is regarded as the first theoretically based practical tool for constructing machine-assisted proofs. Professor Milner, who developed LCF in 1971, was born in Plymouth, England in 1934 and received his B.A. in mathematics from King's College, Cambridge University, in 1957.

Meetings

CALL FOR PARTICIPATION

(Workshop at GWAI'92)
BONN, 1-2 September 1992

LOGIC & CHANGE

Logical approaches to Artificial Intelligence have the advantage of offering a declarative framework for the representation of knowledge. On the other hand, Classical Logic, which has been the generally assumed logical theory in AI during the past decades, was originally conceived for the static world of mathematics; therefore, it is not equipped to deal with the notions of ACTION and CHANGE, which are often crucial in the