Active Messages:

an Efficient Communication Architecture for Multiprocessors

by

Thorsten von Eicken

Dipl. Ing. (Eidgenössische Technische Hochschule, Zürich) 1987

A dissertation submitted in partial satisfaction of the requirements for the degree of

Doctor of Philosophy

in

Computer Science

in the

GRADUATE DIVISION

of the

UNIVERSITY of CALIFORNIA at BERKELEY

Committee in charge:

Professor David E. Culler, Co-Chair
Professor John Wawrzynek, Co-Chair
Professor Thomas E. Anderson
Professor David Wessel

1993

Active Messages:

an Efficient Communication Architecture for Multiprocessors

Copyright © 1993

by

Thorsten von Eicken