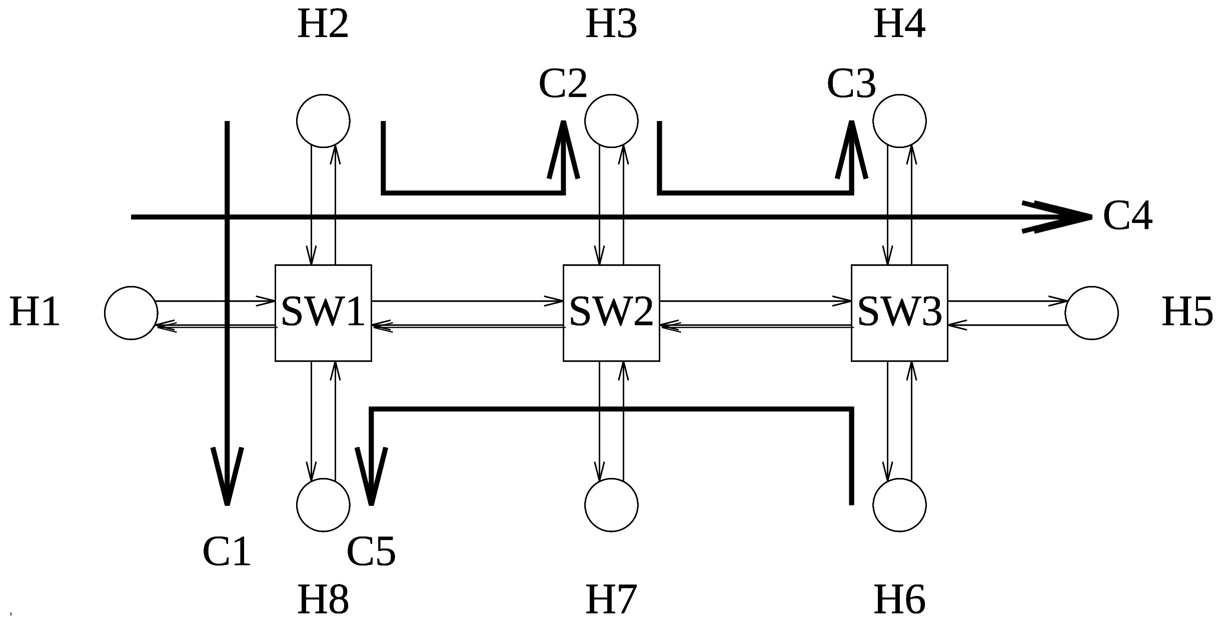
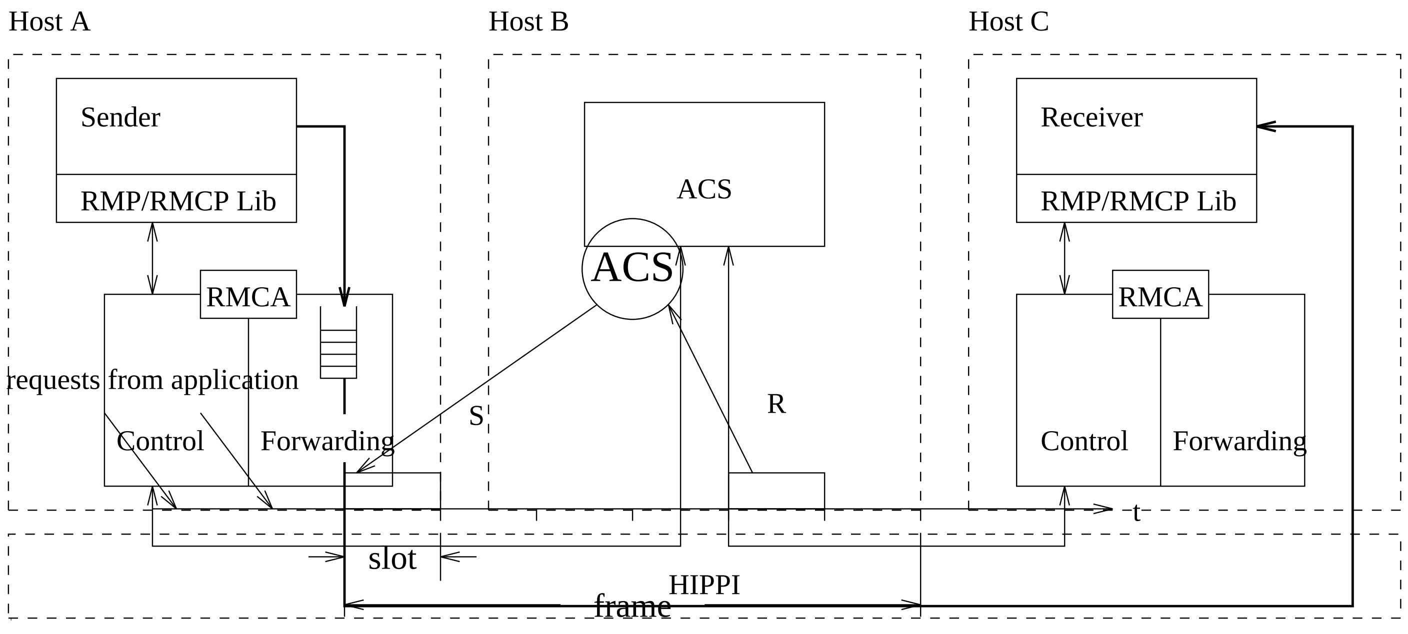
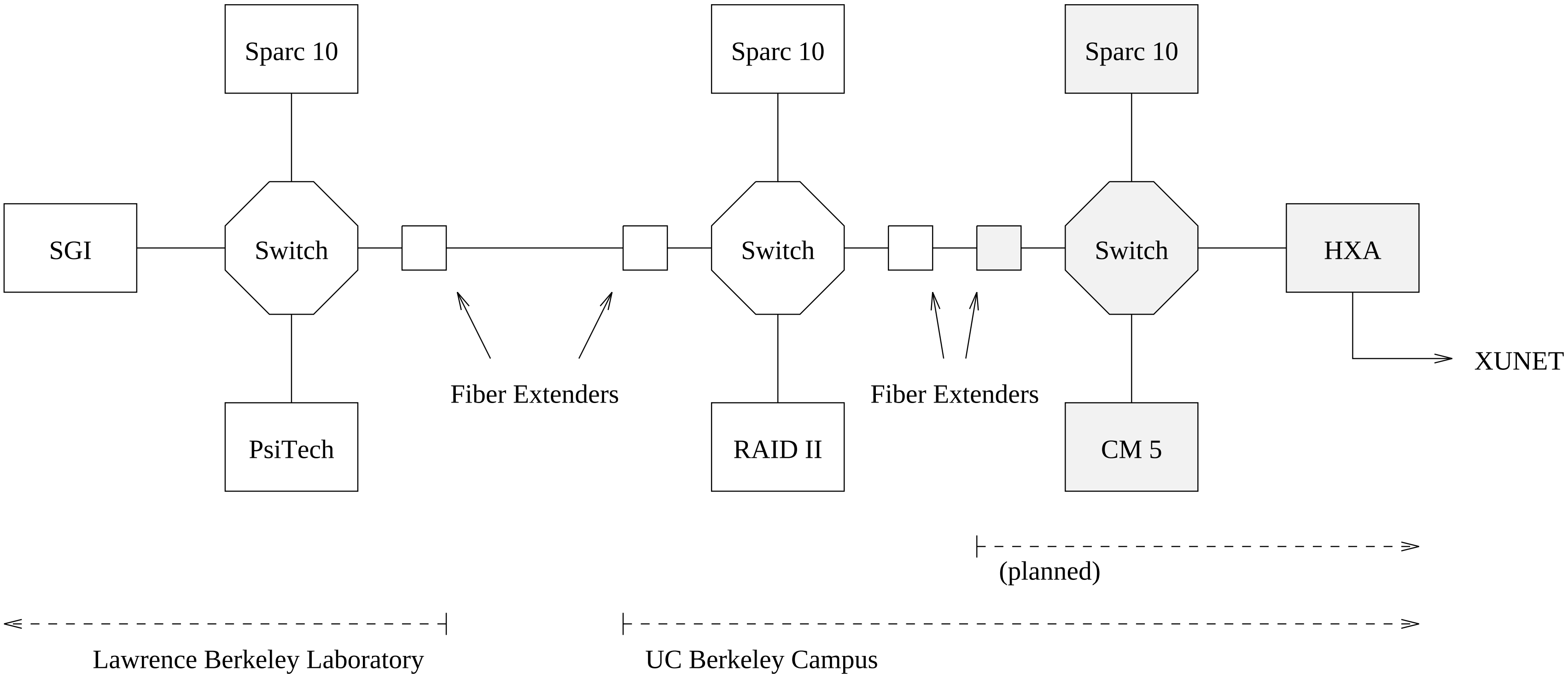
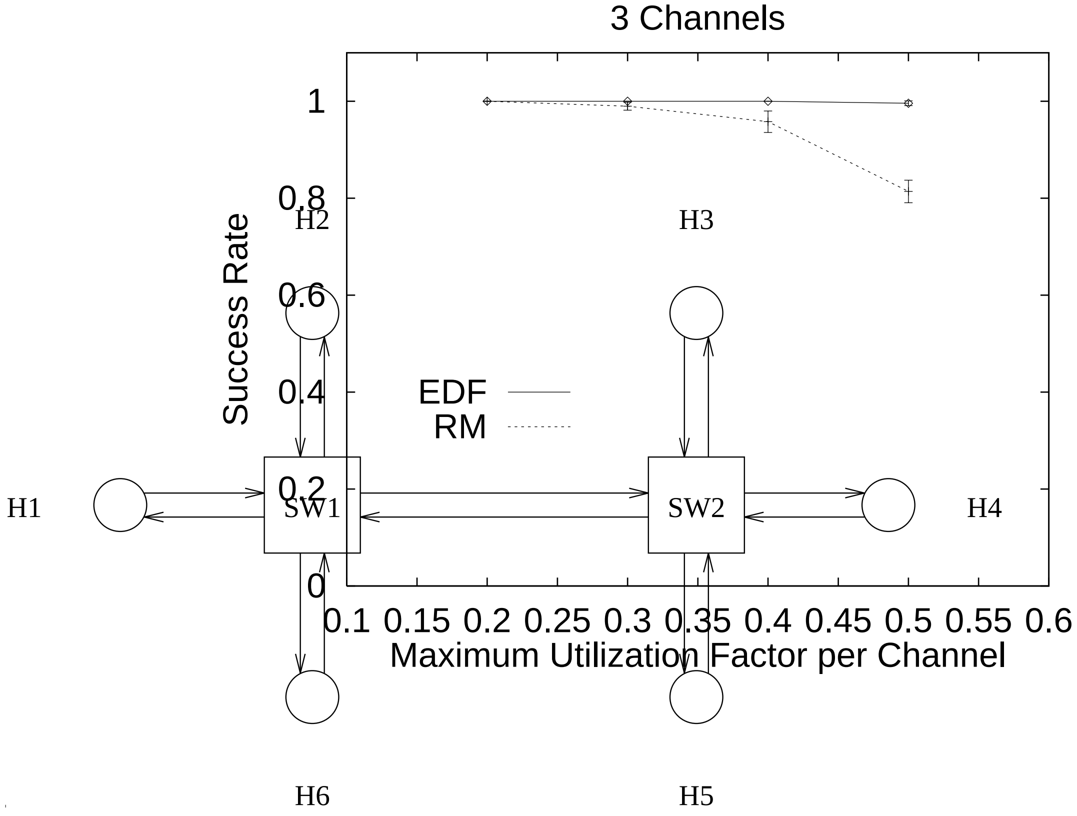
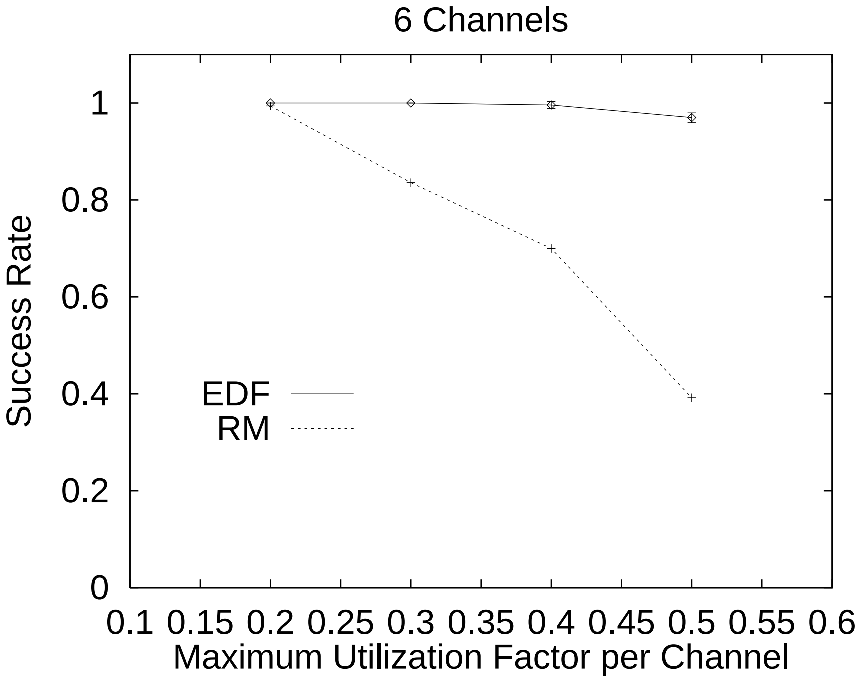

H2
H3
H4
C2
C3
C4
H1
SW1
SW2
SW3
H5
C1
C5
H8
H7
H6


Host A
Host B
Host C
Sender
RMP/RMCP Lib
RMCA
requests from application
Control
Forwarding
ACS
ACS
S
R
Receiver
RMP/RMCP Lib
RMCA
Control
Forwarding
t
slot
HIPPI
frame


Sparc 10
Sparc 10
Sparc 10
SGI
Switch
Switch
Switch
HXA
XUNET
Fiber Extenders
Fiber Extenders
PsiTech
RAID II
CM 5
(planned)
Lawrence Berkeley Laboratory
UC Berkeley Campus


3 Channels
Success Rate
1
0.8
0.6
0.4
0.2
0
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
Maximum Utilization Factor per Channel
EDF
RM
H1
H2
H3
H4
H5
H6
SW1
SW2


6 Channels
Success Rate
Maximum Utilization Factor per Channel
0
0.2
0.4
0.6
0.8
1
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
EDF
RM