

CS144

An Introduction to Computer Networks

What the Internet is

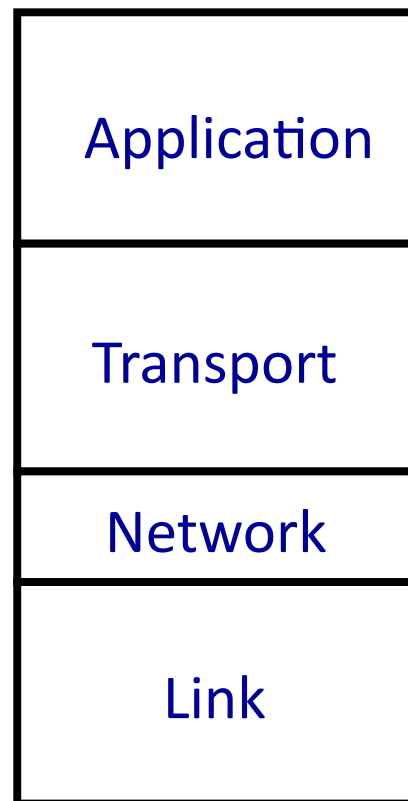
4 Layer Model



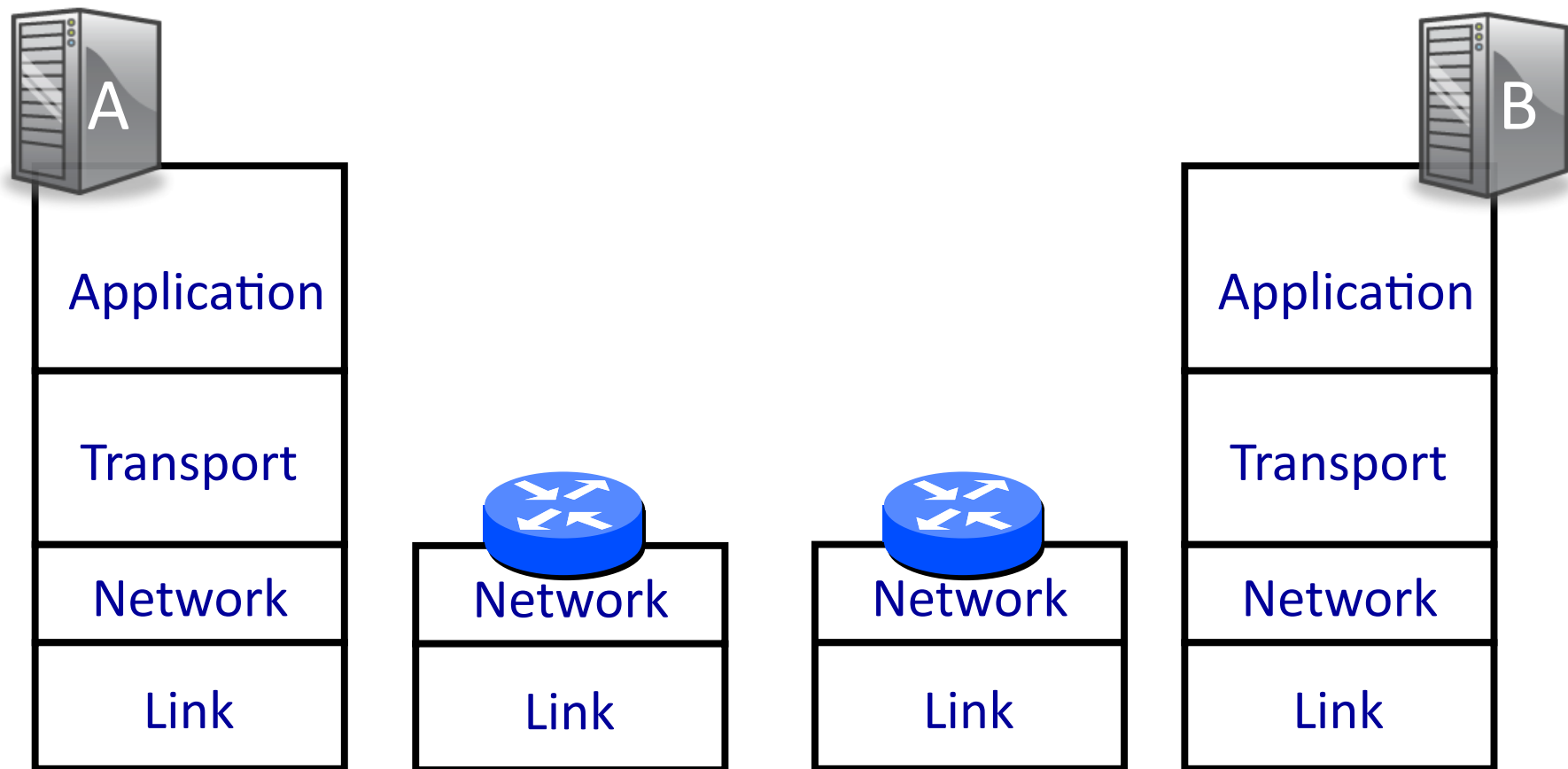
Nick McKeown

Professor of Electrical Engineering
and Computer Science, Stanford University

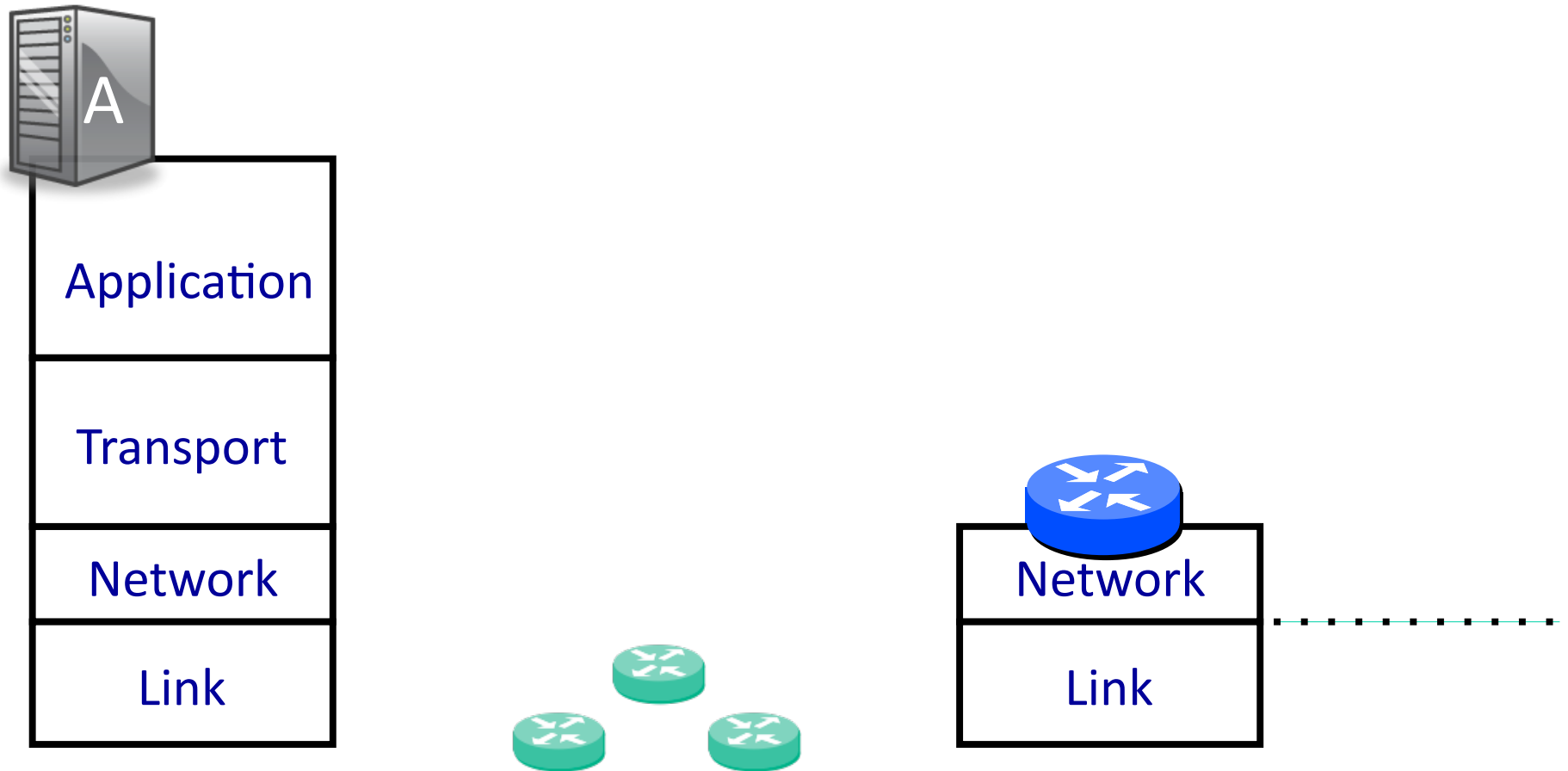
The 4 Layer Internet Model



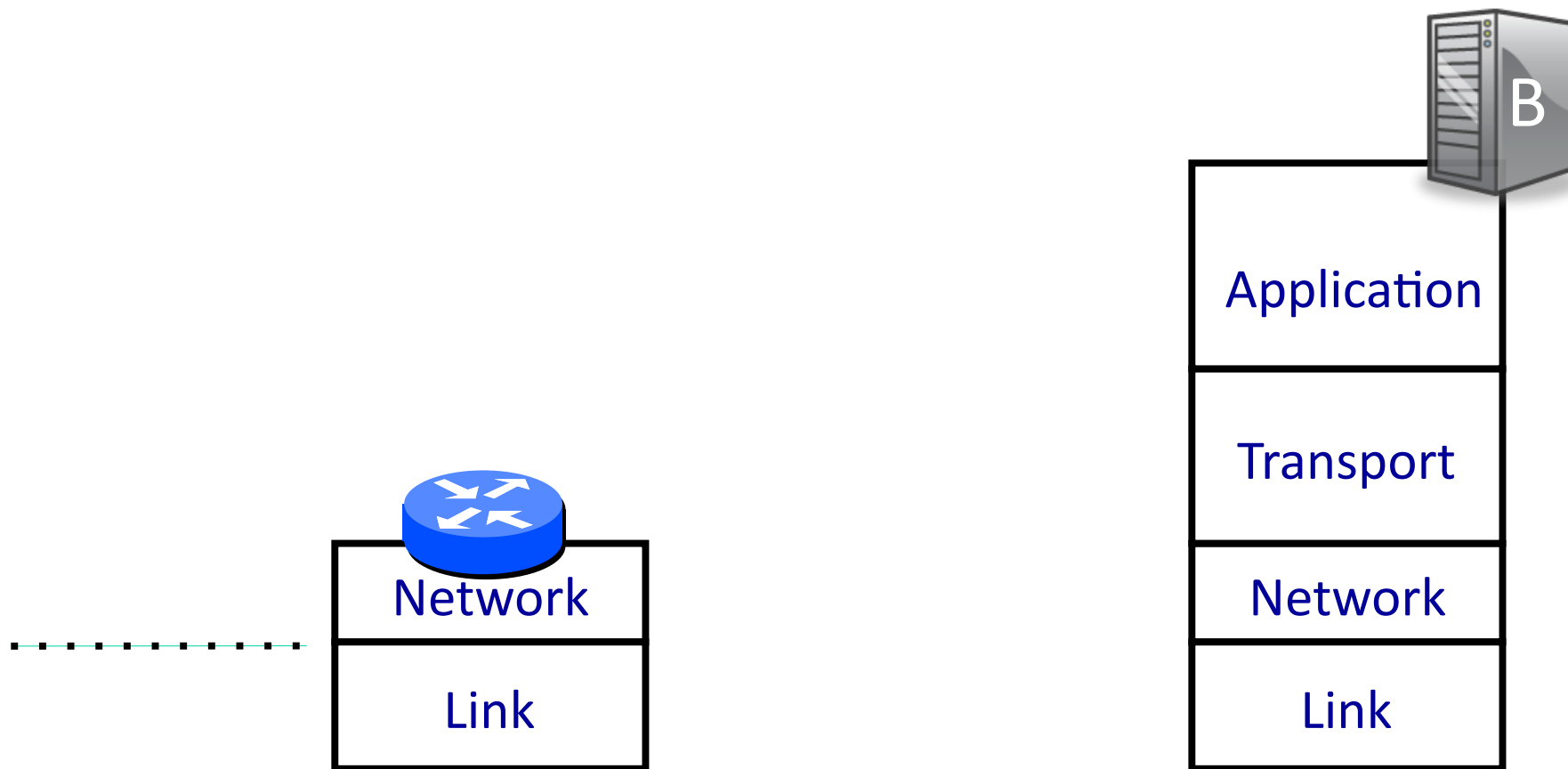
Peer layers communicate



Encapsulation

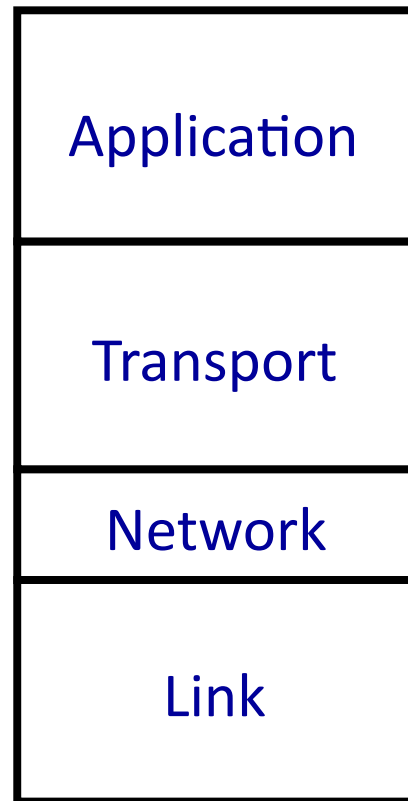


Peer layers communicate

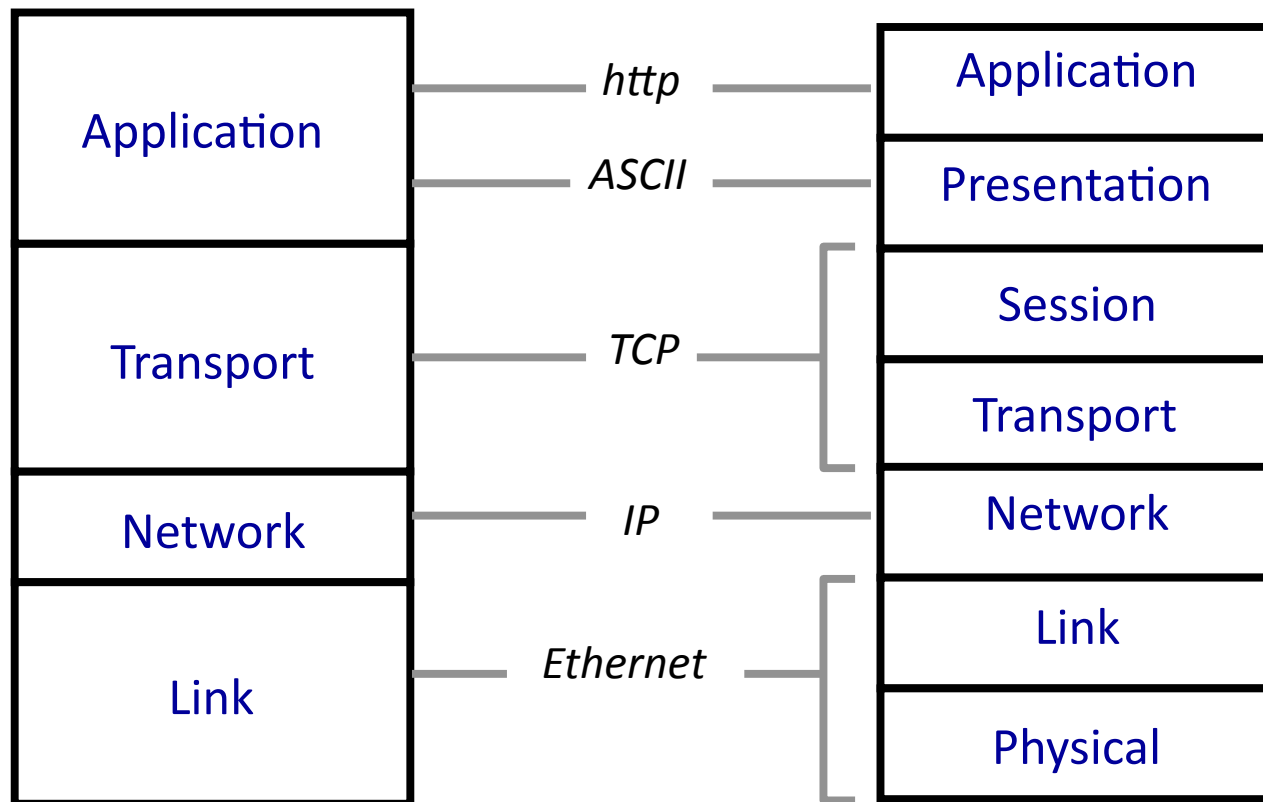


A few last words...

Where do the different layers run?



Why is the Network Layer often called “Layer 3”?



The 4-layer Internet model

The 7-layer OSI Model

<The End>