Symmetric-Key Cryptography Used by Secure Socket Layer

Symmetric-key cryptography is **used every time you access a web server securely**:

- ° your browser and the server create a new key together, then

- ° use the key to encrypt communicated data.

Others may see the bits sent through the Internet, but they look like random bits.

(The fact that you are communicating with the server is NOT hidden—that information is needed to deliver your packets!)