

## **Seminar Presentation Suggestions**

CS 463  
Fall 1991  
Craig A. Rich

### *Topics*

Artificial Reality and Virtual Environments  
Computer Ethics  
Software Copy Protection Schemes  
Copyrights, Patents and Trade Secrets  
Computers and Privacy  
Viruses and Computer Security  
Ergonomics and Human Factors in Computing  
Optical Computing  
Micromachines and Miniature Robots  
Neural Networks  
Systolic Arrays  
Parallel Computer Architectures  
Reduced Instruction Set (RISC) Architecture  
Wafer-Scale Integration  
Computer-Aided Software Engineering (CASE) tools  
Automated Interface Builders  
Musical Instrument Digital Interface (MIDI)  
Data Encryption Standard (DES)  
Speech Recognition Technology  
Genetic Algorithms  
Algorithmic Animation  
Computers in Medicine  
Hypertext and Hypermedia  
Dynamic Interapplication Communication  
Computing in the 21st Century

### *Information Sources*

ACM Computing Surveys  
Communications of the ACM  
IEEE Computer  
ACM Transactions (various)  
IEEE Transactions (various)  
SIAM Journal (various)  
IBM Journal of R & D