

Course C7
Collaborative Behavior and Supporting Technologies
2 units

Instructors:

Steven Poltrock, Boeing Phantom Works, USA
Jonathan Grudin, Microsoft Research, USA

Benefits:

You will learn about collaboration and technologies designed to support collaboration in the workplace. The focus is on collaboration practices and technologies that are currently emerging or advancing into widespread use, and on the human-computer interaction challenges that are encountered.

Origins:

This course has evolved from tutorials taught at CHI and CSCW conferences.

Features:

- * Illustrations of emerging opportunities and challenges in supporting collaboration
- * Human collaboration and its dependence on social context
- * Unique human-computer interaction challenges in collaboration technology
- * The challenge of collaboration technology adoption in enterprises
- * New developments in video conferencing
- * Emerging social technologies that are moving from consumer to enterprise settings
- * HCI challenges in workflow management
- * Design methods that are effective when supporting collaboration
- * Future directions in collaboration technology and its use

Intended Audience:

The course is designed for anyone interested in collaboration and its challenges.

Presentation Style:

Lecture, videos, and group discussion

Instructors' Backgrounds:

Dr. Steven Poltrock is a Technical Fellow in Boeing's Mathematics & Computing Technology organization where he leads projects supporting teamwork, workflow management, and knowledge management.

Dr. Jonathan Grudin is a Principal Researcher in the Adaptive Systems and Interaction Group at Microsoft Research where he conducts research in the adoption and impact of emerging collaboration technologies. They have worked together investigating and teaching about collaboration and the technologies that support it for two decades.