

## RESEARCH

- Flexibility to have synchronous/ asynchronous
- Real-time sharable BLOGS
- High reliability and integrity of technology (fidelity)
- Use of peer-peer file sharing for research collaboration
- Tools to configure and annotate emails more effectively
- Sharing of facilities remotely-computational, physical
- Enhanced security, to improve network performance
- Enhance ad-hoc communications: Advanced directory (who's out there, how "enabled"/ available are they?); coaching: link name/ face etc.
- Maintaining awareness of community so distributed team feel not disorientated- (e.g. Norms of interaction awareness/ social convention)
- Bring ideas into MIT- Easily accessible data on topic X, see "prior art" & new ideas
- Each research group has own WIKI
- Data convergence, transparent access to info that is more specific than global search
- Connection to people & data seamlessly & simultaneously (where appropriate)
- Quickly display/ disseminate material
- SPEED of collaboration critical to find what need quickly e.g. On-the-fly enhanced video or data-enhanced communication
- Digital lab notebook- searchable/ sharable
- System in lab to record actions for search & playback/analysis
- Online academic publications with rapid peer review
- IP issues
- Managing documents over distance with multiple versions easily across large groups
- Systematic approach to archival responsibilities
- "Grids of clusters"- need easier program/cheaper, easier access
- Enhanced tools (e.g. PC, animated boards)-to contribute to idea development & research (draw physical object & animate it/ identify errors)
- Collaboration tools for close but distributed networks (adjacent floor or building)