

Our Strengths

Human-Centered Computing

human-computer interaction,
conversational interfaces, collaboration,
instructional environments, visualization,
social and behavioral sciences

Information Management

content and knowledge management,
human language technology,
spatio-temporal information management,
data mining, bioinformatics

Networks and Connectivity

quality of service, network security,
multicast, adaptive networks,
network assessment

Software

reverse engineering,
component-based development,
object technology and middleware,
software security, instrumentation

Hardware & Computing Infrastructure

high performance computing,
mobile computing,
distributed resource sharing,
server and storage virtualization,
autonomous vehicles



Information Technology Center

Points of Contact:

Dr. Mark T. Maybury

maybury@mitre.org

781-271-7230

Julie M. Gravallese

julieg@mitre.org

703-983-7482

Aaron Lesser

aless@mitre.org

703-983-7969

MITRE The MITRE Corporation

202 Burlington Road
Bedford, MA 01730-1420
781-271-2000

7515 Colshire Drive
McLean, VA 22102-7508
703-983-6000

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Information Technology Center



MITRE

MITRE is a not-for-profit corporation working in the public interest. In partnership with government sponsors, we address issues of critical national importance, combining systems engineering with advanced technology to develop innovative “solutions that make a difference.”

Information Technology Center

Our mission is to lead in the creation and application of innovative information technology and systems solutions to enhance sponsor missions.

ITC is a corporate resource for advanced information technology and expertise with over 250 staff distributed across the National Capital area, Bedford, Mass., and sites around the world collocated with our sponsors. The ITC is focused on MITRE's Intelligence Community sponsors and also supports the Department of Defense and Federal Agencies.

Our Goals

- ◆ Ensure technical, business, and managerial excellence.
- ◆ Provide leadership in IT for MITRE, government, academia, and industry.
- ◆ Recruit, develop, and retain a highly engaged workforce.
- ◆ Create and apply innovative solutions.
- ◆ Cultivate internal and external partnerships.

Our Values

- ◆ Excellence
- ◆ Integrity
- ◆ Collaboration
- ◆ Leadership
- ◆ Impact
- ◆ Agility

- ◆ We apply expertise in geospatial, multimedia, multilingual, and collaboration technologies.
- ◆ We design practical information management solutions emphasizing knowledge discovery, knowledge management, collaboration, and workflow enhanced by human language technology and intelligent interfaces.
- ◆ We develop enterprise networks, architectures, and processes and help our sponsors apply the right technology to their most challenging problems.
- ◆ We do research and development in software engineering and component architectures.
- ◆ We research and apply social and behavioral sciences and biotechnology.
- ◆ We develop MITRE's strategic partnerships with senior government leaders.



Executive Director **Dr. Mark Maybury** is the author of several technical books and an international expert in artificial intelligence and analytic tools.



Julie Gravalles is ITC Technical Director, an award winning C4I systems engineer, and an expert in corporate strategic planning and knowledge management.



Associate Technical Director **Aaron Lesser** is an expert in intelligence systems and technologies and analytic tools and methods.



Dr. Paul Lehner is the ITC Chief Engineer and an expert in cognitive and decision sciences.



Dr. Craig Cook is a Chief Scientist in the ITC and supports senior sponsors in the strategic planning of their science and technology investments.



Dr. Lynette Hirschman is a Chief Scientist in the ITC and an international expert in natural language understanding and bioinformatics.

Over 250 staff with deep expertise in information technology, bioinformatics, cognitive science, and social sciences.