Technology Touches All Disciplines…

so does the IEEE *Xplore*® Digital Library

IEEE *Xplore* **Helps Advance Technology in a Variety of Disciplines**

More than ever before, technology is changing the way we learn, work, communicate, and think. New and improved technology is continuously advancing a variety of disciplines worldwide. In today's global economy, staying at the top of your field requires more than just knowing about the latest technological breakthroughs. Successful professionals, researchers, and students must understand how technology affects, and is affected by, the world around them.

Whether you are working or studying in computing, economics, animation, healthcare, business, engineering, or any other field, you need access to a wide range of information to help make ideas become reality. Did you know that the IEEE *Xplore* digital library contains more than just the world's leading engineering and technology journals? Students, professionals, and researchers in fields unrelated to engineering can find information in IEEE *Xplore* relevant to their research. Covering everything from art history to urban planning, IEEE *Xplore* content allows multiple departments within an organization to benefit from the breadth of information available.

Develop Ideas Faster with Access to Trusted Technology Content

With the most highly-cited journals, cutting-edge conference papers, vital standards, innovative eBooks, and enriching educational courses available through the IEEE *Xplore* digital library, you can trust IEEE to deliver the wide range of content your researchers need.

Get the latest information in a variety of disciplines, including:

- **Agriculture and farming** 30,600+ documents
- **Architecture and green building** 6,500+ documents
- **Arts and humanities** 14,600+ documents
- **Biophysics** 35,700+ documents
- **Broadcasting and film** 33,400+ documents
- **Business, finance, and economics** 80,100+ documents
- **Chemistry and materials science** 87,200+ documents
- **Criminal justice and security** 15,900+ documents
- **Education** 77,900+ documents
- **Energy and public policy** 4,000+ documents
- **Environment: sustainability, economic development, and natural resources** 70,200+ documents
- **Ethics, law, and government** 48,900+ documents
- **Geoscience and remote sensing** 102,500+ documents
- **Industrial and design engineering** 46,000+ documents
- **Life sciences and healthcare** 228,100+ documents
- **Social Sciences** 58,600+ documents
- **Society and technology** 11,100+ documents
- **Transportation** 59,000+ documents
- **Urban planning** 2,400+ documents
- **Visual communication, graphic design, and animation** 15,900+ documents

Counts are accurate as of March 2021 and include all content types, plus partner content.

Learn More

Connect to the best information in a wide range of disciplines.
Visit **innovate.ieee.org**

Phone: +1 800 701 IEEE (4333) (USA/Canada) +1 732 981 0060 (worldwide)
IEEE *Xplore* Digital Library   www.ieee.org/ieeexplore   Email: onlinesupport@ieee.org

IEEE
Advancing Technology for Humanity

Technology Touches All Disciplines…

so does the IEEE *Xplore*® Digital Library

IEEE

Your Source for Interdisciplinary Content

IEEE *Xplore* contains more than 5 million full-text documents on a wide variety of topics. With access to leading journals, conference proceedings, standards, eBooks, and online learning courses, discovering a new world of knowledge has never been easier.

Use IEEE *Xplore* to find relevant, cutting-edge technology content that drives key disciplines. Below are some examples of the interdisciplinary content and key terms that can be found in IEEE *Xplore*.

Life Sciences and Healthcare

- Medical imaging
- Medical devices
- Tissue engineering
- Regenerative medicine
- Cell engineering
- Bioinformatics
- Physical therapy
- Rehabilitation
- Prosthetics
- Medical robots
- Telemedicine
- Electronic medical records
- Patient-specific healthcare
- Patient monitoring systems

Geoscience

- Geoscience
- Geographic information systems
- Geophysics
- Geology
- Hydrology
- Meteorology
- Oil and gas exploration
- Offshore drilling
- Remote sensing

Transportation

- Intelligent transportation systems
- Automated highways
- Parking guidance
- Vehicle detection
- Traffic control
- Logistics
- Supply chain management

Criminal Justice and Security

- Crime scene investigation
- Cybercrime
- Cyber security
- Homeland security
- Crime statistics
- Crime forecasting
- Digital forensics
- Biometrics

Chemistry and Materials Sciences

- Chemical sensors
- Plasma chemistry
- Optics
- Titanium compounds
- Aluminum compounds
- Gallium compounds
- Metamaterials
- Microfluidics

Environment: Sustainability, Economic Development, and Natural Resources

- Environment
- Sustainable energy
- Smart grid
- Green building
- Air quality
- Water quality
- Waste management
- Natural resources
- Mineral resources
- Oil and gas

IEEE *Xplore* also provides:

- More than 5 million documents in full-text PDF format, with over three million in a robust, dynamic HTML format
- Multiple authentication options for on-site, remote, and mobile users
- Abstract/citation and bibliographic records for subscribed content
- Mobile-friendly design
- Daily content updates

Learn More

Connect to the best information in a wide range of disciplines.

Visit **innovate.ieee.org**

Phone: +1 800 701 IEEE (4333) (USA/Canada) +1 732 981 0060 (worldwide)
IEEE *Xplore* Digital Library www.ieee.org/ieeexplore Email: onlinesupport@ieee.org

IEEE
Advancing Technology for Humanity