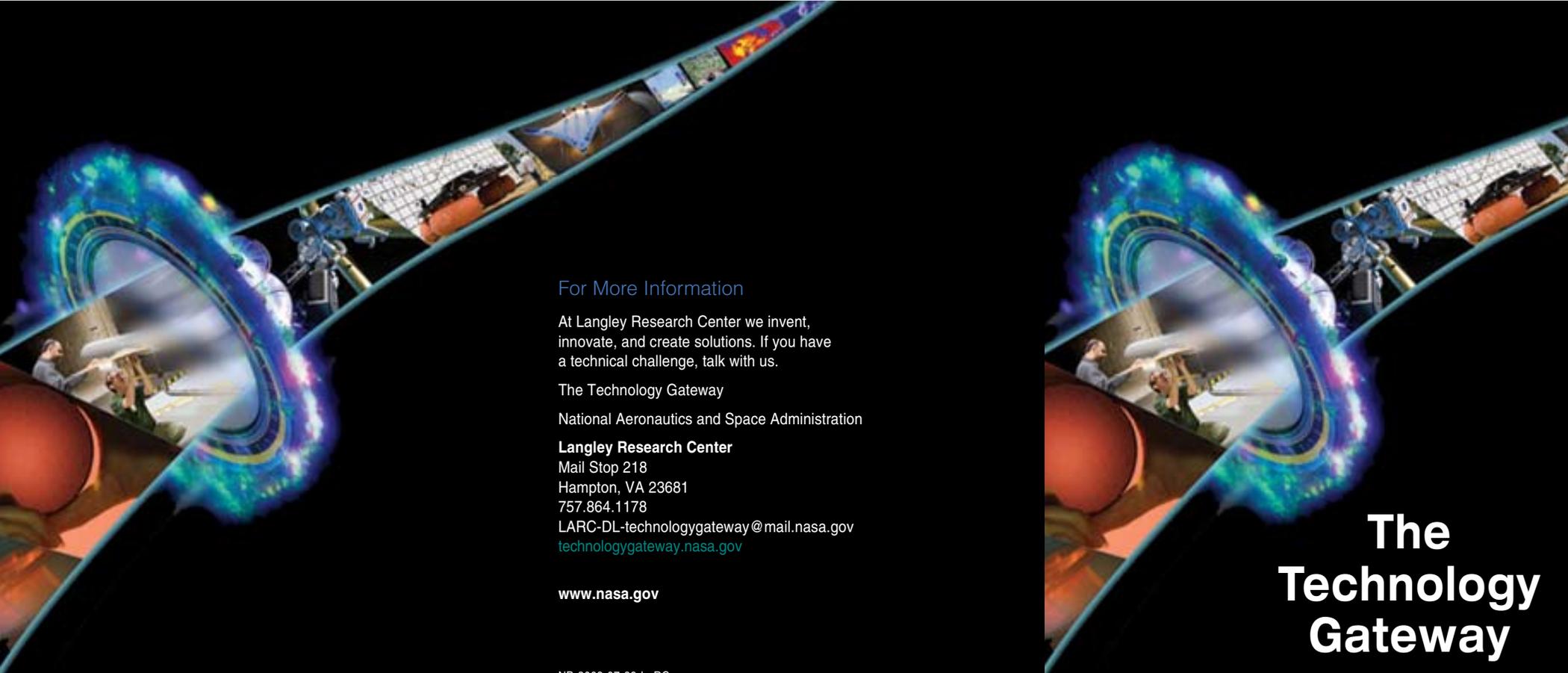




Leverage Langley's materials experience

Talk with us to learn more about  
working with Langley or licensing  
our technologies.

# NASA Langley's Advanced Materials



## For More Information

At Langley Research Center we invent,  
innovate, and create solutions. If you have  
a technical challenge, talk with us.

The Technology Gateway

National Aeronautics and Space Administration

**Langley Research Center**

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[technologygateway.nasa.gov](http://technologygateway.nasa.gov)

[www.nasa.gov](http://www.nasa.gov)

NP-2008-07-89-LaRC

# The Technology Gateway

[www.nasa.gov](http://www.nasa.gov)

*Our first-rate researchers at NASA Langley develop new materials for the extreme environments of space and bring the benefits back to Earth. Our patented innovations solve real-world problems by making materials stronger, lighter, and more resistant to heat, cold, chemicals, or electromagnetic or radiation fields. Leverage Langley's capabilities to advance your products.*

## Our Capabilities

High-performance polymers, light alloys, composites, and a new generation of shape memory materials and nanotechnology developed by **expert researchers**

**Comprehensive set of laboratories** for materials synthesis, characterization, processing, and testing

**Advanced microscopy instrumentation** for characterizing materials at the nanometer level



## Our Successes



Our strong high-temperature composites improve brake and clutch performance.

**16 materials-related awards,** including 14 R&D 100 and 2 NASA Invention of the Year awards

**100+ patents**

**37 commercial licenses**

## Your Opportunities

- **Innovate** ahead of the competition
- **Optimize** your products
- **Test and analyze** new product ideas
- **Reduce risk**
- **Save time and money**

Low-temperature oxidation catalysts purify indoor air and exhaust from cars and smokestacks.

