



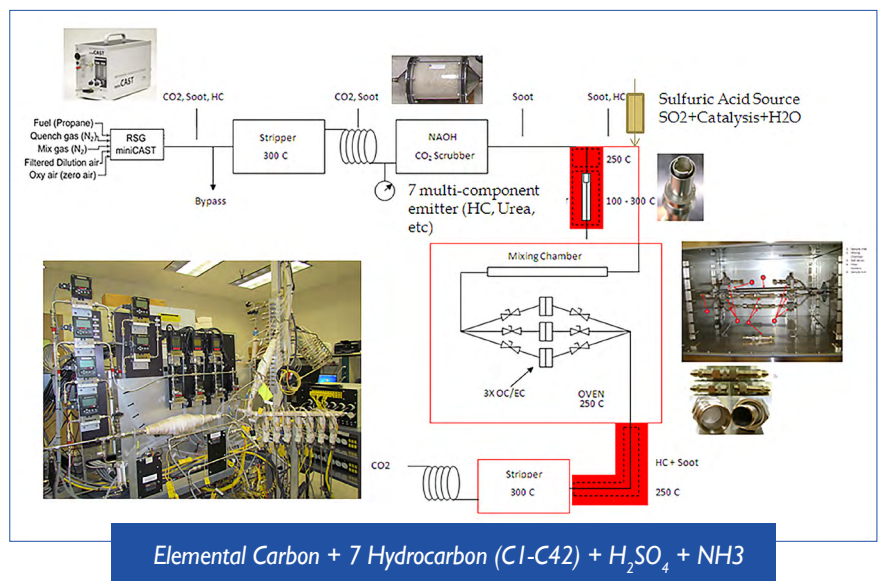
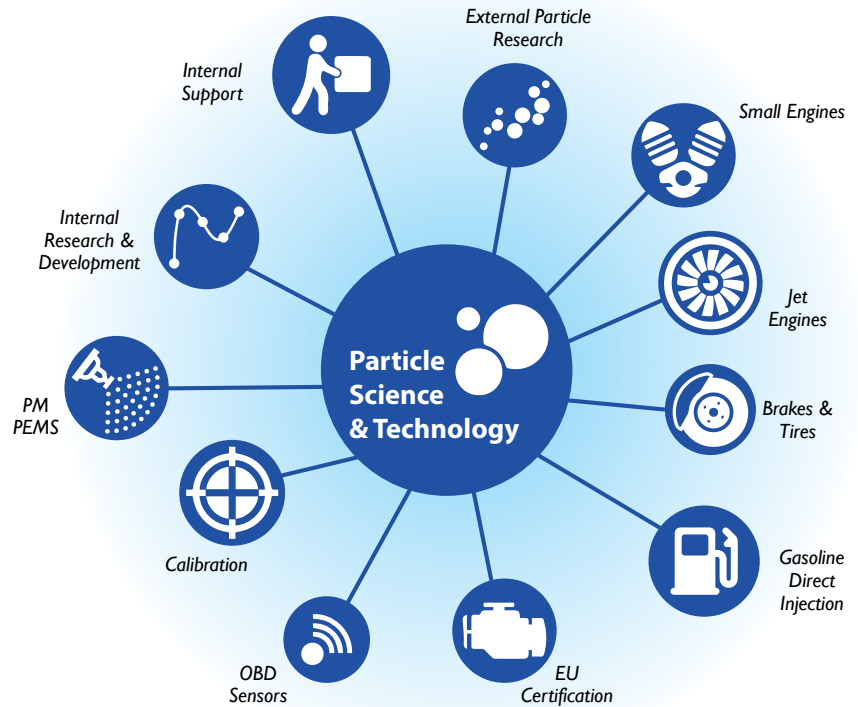
Particle Science & Technology (PS&T)

Southwest Research Institute[®] (SwRI[®]) has a long history of conducting particle science & technology (PS&T) research programs focused on particle emissions from combustion sources. Our knowledgeable staff delivers the highest quality research and innovation to our customers.

Our PS&T Department focuses on several areas of R&D, testing, and calibration activities including:

- Leading projects where particle science is the primary objective or focus (applied R&D)
- Developing and seeking basic and applied research projects through IR&D, grants, long term government and commercial support, etc. (research and innovation)
- Supporting projects that require particle activities throughout our Engine, Emissions & Vehicle Research Division and the Institute
- Developing particle instrumentations and sensors (SPSS, SPNMS, RT-Ash[™])
- Performing calibration and standardized testing in conformance with emissions standards in various countries
- Leading the Particle Sensor & Durability (PSPD) Consortium

Our PS&T Department houses a state-of-the-art nanoparticle laboratory (NL) with instruments to measure particle number, surface area, mass, size, and morphology. The NL houses an SwRI-developed universal particle generator capable of generating soot, semi-volatile hydrocarbons, sulfate, and nitrate for particle research and instrument calibration. We plan to be one of the first ISO-compliant particle calibration facilities in the U.S.



The PS&T Department houses state-of-the-art nanoparticle laboratory instruments.



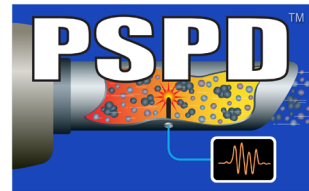
We welcome your inquiries.

For additional information, please contact:


Imad A. Khalek, Ph.D.
Senior Program Manager
210.522.2536
ikhalek@swri.org

Engine, Emissions, and Vehicle Research Division

swri.org
eevrd.swri.org



**PARTICLE SENSOR
PERFORMANCE &
DURABILITY**

A Consortium of 

SOUTHWEST RESEARCH INSTITUTE

Southwest Research Institute is a premier independent, nonprofit research and development organization using multidisciplinary services to provide solutions to some of the world's most challenging scientific and engineering problems. Headquartered in San Antonio, Texas, our client-focused, client-funded organization occupies 1,200 acres, providing more than 2 million square feet of laboratories, test facilities, workshops, and offices for more than 2,700 employees who perform contract work for government and industry clients.

swri.org

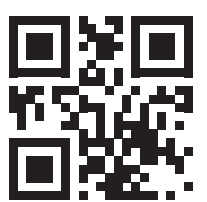
SwRI Business Inquiries
PO Drawer 28510
San Antonio, Texas 78228-0510 USA

ask@swri.org • 210.522.2122



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