



U.S. DEPARTMENT OF ENERGY
Savannah River Site

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SRNL Wins Prestigious R&D 100 Award

Aiken, SC (June 22) -- A research team led by the U.S. Department of Energy's Savannah River National Laboratory (SRNL) has been selected to win a prestigious 2011 R&D 100 award in an annual competition conducted by R&D Magazine. The award recognizes the SRNL-invented Porous Walled Hollow Glass Microspheres as one of the 100 most technologically significant products of the past year.



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Each microsphere is about 50 microns in diameter, about half the width of a human hair. SRNL originally developed the microspheres as a solid-state storage method for hydrogen as part of the Lab's support of DOE's nuclear defense mission.

Porous Walled Hollow Glass Microspheres have potential for use in targeted drug delivery, hydrogen storage and other applications. SRNL's partners in the winning technology include Toyota, the Georgia Health Sciences University (GHSU), and Mo-Sci Corporation, a Rolla, Missouri, specialty glass provider that has been licensed by SRNL to manufacture and market the microspheres.

The SRNL research and development team included Dr. George Wicks, Dr. Leung Heung, Dr. Ray Schumacher, Dr. Steven Serkiz, and Dr. David Peeler. Other honorees included Dr. Rana Mohtadi of Toyota; Dr. Bill Dynan of GHSU; and, Ted Day of Mo-Sci Corporation... [MORE>>](#)

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Savannah River Site Annual **Safety Art Contest**

25 Year Banquet