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 **TECHFEST XX**

PAPER 4

4. THE HIGH SPEED CIVIL TRANSPORT AND NASA'S HIGH SPEED RESEARCH (HSR) PROGRAM

Robert J. Shaw

Ongoing studies being conducted not only in this country but in Europe and Asia suggest that a second generation supersonic transport, or High-Speed Civil Transport (HSCT), could become an important part of the 21st century international air transportation system. However, major environmental compatibility and economic viability issues must be resolved if the HSCT is to become a reality. This talk will overview the NASA High-Speed Research (HSR) program which is aimed at providing the US industry with a technology base to allow them to consider launching an HSCT program early in the next century. The talk will also discuss some of the comparable activities going on within Europe and Japan.