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University of Dayton Distinguished Professor to Receive 2002 Gas Turbine Engine Award

University of Dayton

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April 24, 2002
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NEWS RELEASE

UNIVERSITY OF DAYTON DISTINGUISHED PROFESSOR TO RECEIVE 2002 GAS TURBINE ENGINE AWARD

DAYTON, Ohio – Dilip Ballal, a distinguished professor at the University of Dayton, will receive the 2002 International Gas Turbine Institute Aircraft Engine Technology Award.

The award will be presented Monday, June 3, at the American Society of Mechanical Engineers Turbo Expo in Amsterdam, Netherlands. This international award honors individuals who have made important contributions to aircraft gas turbine engine technology throughout their careers.

Ballal is a professor of mechanical and aerospace engineering at the University of Dayton and a leader of the combustion and fuels group in the UD Research Institute. He also serves as the first Hans von Ohain distinguished professor in UD's School of Engineering.

The award recognizes Ballal's gas turbine combustion and fuel research conducted during the past 30 years. Past recipients of the award include researchers from GE Aircraft Engines, NASA Glenn Research Center, MIT, and Cambridge University in England.

Since 1983, he has been a principal investigator on several U.S. Air Force sponsored research contracts in advanced aircraft combustion systems and aviation fuel technology. Ballal's work on ignition has provided a fundamental understanding of the

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high-altitude flameout process.

He has also conducted research on turbulent flame propagation, stability and lean blowout using advanced laser diagnostics techniques as well as research on the use of alternative fuels in gas turbine combustors. Ballal's work is published in *Transactions of ASME, AIAA Journals*, and the *Proceedings of the Royal Society of London*.

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