

A The George W. Woodruff School of Mechanical Engineering **Annual Distinguished Lecture**

INVITATION

*The Energy Highway...
Where Does Your Road Lead?*

Thomas A. Christopher
President and Chief Executive Officer,
Framatome ANP, Inc. and
CEO and Vice Chairman,
AREVA Enterprises, Inc.



To view video of Lecture
click the Woodruff Medallion

Tuesday, April 12, 2005
3:30 p.m.
Van Leer (Electrical Engineering)
Building Auditorium

SYNOPSIS

Electricity – it's something we all take for granted. Flip a switch; the lights are on, the radio plays, the microwave oven cooks dinner. But in our ever changing society, the electric highway has many exits and entrances. How does the price of coal, natural gas, and oil affect our society? Will we have enough energy sources to maintain our way of life? What role does nuclear energy play? And how do all these old and new technologies affect your future and the future of your children?

There is a strong future in the electric power industry. New power plants are being constructed around the world. These new power plants need people to help design and operate them in a world of increasing electric demand; making the lights on your energy highway burn more brightly than ever before.

BIOGRAPHY

Thomas A. Christopher joined Framatome ANP (Advanced Nuclear Power), Inc. as President and Chief

Executive Officer in April 2000. In addition, he became CEO and Vice-Chairman of AREVA Enterprises, Inc., the U.S. headquarters of the parent company, in early 2003.

Framatome ANP, Inc., an AREVA and Siemens company, provides specialized diagnostics, operation and maintenance services, specialized parts and equipment, instrumentation and control, and fuel and fuel-related control components to the power generation industry in North America and internationally.

Prior to joining Framatome ANP, Christopher was most recently the Vice President and General Manager of the Siemens Westinghouse Power Corporation's Energy Services Divisions. Prior to that, Mr. Christopher was General Manager of the Westinghouse Power Generation Business Unit's Energy Divisions, a broad-based, fully-integrated energy service and systems business with full-scope engineering, maintenance, upgrade, repair, and operations and maintenance operations spanning six continents.



Christopher joined Westinghouse Nuclear Energy Division in 1973 and served in various management positions. He was General Manager of the Westinghouse Nuclear Service Division from 1982 to 1995. His nuclear responsibilities included providing field services, engineering, training, instrumentation and control, replacement parts, and steam generator services to utilities to keep their nuclear plants running at maximum efficiency.

Christopher holds a Bachelor of Science degree in Mechanical Engineering from the U.S. Naval Academy and a Master of Science degree in Engineering Mechanics from Georgia Tech. He graduated from the Naval Nuclear Program and was a licensed engineering officer of Operating Nuclear Submarines. In 1980, Christopher earned a Master of Business degree from the University of Pittsburgh.

THE WOODRUFF SCHOOL

The George W. Woodruff School of Mechanical Engineering Annual Distinguished Lecture was established in 1990 to honor an engineer who has made a significant contribution to society and to provide a forum for that person to interact with the Georgia Tech community.

Support for the lecture is made possible by the generosity of the late George W. Woodruff, an alumnus and influential Atlanta businessman, civic leader, and philanthropist. In September 1985, at the age of 90, Mr. Woodruff attended the ceremonies to rename the School of Mechanical Engineering in his honor. Today, the Woodruff benevolence continues to benefit Georgia Tech through the support of two major scholarship funds and a significant, unrestricted endowment. The Woodruff bequest to the School of Mechanical Engineering underwrites two faculty chairs -- the George W. Woodruff Chair in Mechanical Systems and the George W. Woodruff Chair in Thermal Systems and activities such as the Woodruff Faculty Fellows Program, the Woodruff Graduate Fellowship Program, the Woodruff Teaching Intern Program, and research and teaching assistantships for graduate students.

The Woodruff School of Mechanical Engineering is the oldest and second largest of ten divisions in the College of Engineering at Georgia Tech. The School offers academic and research programs in mechanical engineering, nuclear and radiological engineering, medical physics, bioengineering, and paper science and engineering. The enrollment includes more than 1350 undergraduates and almost 700 graduate students. Studies are directed by a full-time faculty of 81 professors, 22 research faculty, and five academic professionals, who are supported by 47 staff members. The George W. Woodruff School of Mechanical Engineering is the only educational institution to be designated a Mechanical Engineering Heritage Site by the American Society of Mechanical Engineers.

For additional information, contact Dr. Ward O. Winer, Eugene C. Gwaltney, Jr. Chair of the Woodruff School at:

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Distinguished Lecturers

- 1990 **Donald E. Petersen**, Chairman and CEO, Ford Motor Company
- 1991 **Samuel C. Florman**, Author and Professional Engineer
- 1992 **Chang-Lin Tien**, Chancellor and A. Martin Berlin Professor of Mechanical Engineering, University of California, Berkeley
- 1993 **Sheila E. Widnall**, Associate Provost and Abby Rockefeller Mauze Professor of Aeronautics and Astronautics, Massachusetts Institute of Technology
- 1994 **Roberto C. Goizueta**, Chairman of the Board and CEO, The Coca-Cola Company
- 1995 **James J. Duderstadt**, President, The University of Michigan
- 1996 **Norman R. Augustine**, Chairman and CEO, Lockheed Martin Corporation
- 1997 **Charles M. Vest**, President and Professor of Mechanical Engineering, Massachusetts Institute of Technology
- 1998 **Robert A. Lutz**, Vice Chairman, Chrysler Corporation
- 1999 **George H. Heilmeier**, Chairman Emeritus, Bellcore
- 2000 **William A. Wulf**, President, National Academy of Engineering
- 2001 **Euan Baird**, Chairman, President, and CEO, Schlumberger
- 2002 **John H. Sununu**, President, JHS Associates, Ltd.
- 2003 **John B. Slaughter**, President and CEO, National Action Council for Minorities in Engineering (NACME)
- 2004 The Distinguished Lecture was not given this year.

Lecture

Tuesday, April 12, 2005, 3:30 p.m. in the Van Leer (Electrical Engineering) Building Auditorium, Georgia Institute of Technology

Reception

After the lecture, guests are invited to a reception on the 2nd floor of the Love Building to honor Mr. Christopher.

Parking

Parking will be available in the Visitor Parking Lot. To arrange for parking, please call (404) 894-3200 by April 7th.