

THE GS MODELING AWARD RECIPIENTS

- 2005 – Dr. Matthias Lindig
- 2007 – Dr. Manoj K. Choudhary



2nd GS MODELING AWARD

NOTEWORTHY CONTRIBUTION TO THE GLASS INDUSTRY
IN THE FIELD OF MATHEMATICAL MODELING

THE 2007 RECIPIENT
Dr. Manoj K. Choudhary



9th International Seminar
Mathematical Modeling of Furnace Design & Operation

JUNE 27 - 29, 2007 - HOTEL HORAL
VELKÉ KARLOVICE, CZECH REPUBLIC

Dr. Manoj K. Choudhary

Manoj K. Choudhary obtained his doctorate in Materials Science and Engineering from Massachusetts Institute of Technology in 1980. During his doctoral and postdoctoral research he investigated electromagnetically driven flow and heat transfer phenomena in materials processing systems. He joined Owens–Corning in 1982 and is a member of Senior Technical Staff at Owens Corning’s Science & Technology Center in Granville, Ohio.

At Owens Corning, Dr. Choudhary has been involved in the development of novel products and innovative processes through the application of computational fluid dynamics, engineering fundamentals, and materials science. He has done pioneering work on mathematical modeling of transport phenomena in glass melting and forming, and polystyrene foam extrusion processes. In the field of glass science and technology, his notable contributions include development of advanced glass melting technologies to increase energy efficiency, enhance furnace life, and reduce capital and operating expenses. His research on the processing of polymeric foams has led to an improved understanding of rheology and solubility of gas laden polymeric melts and resulted in the development of novel extrusion die designs. His product–related contributions have included the development of innovative glass fiber insulation and nano–graphite foam insulation products.

Dr. Choudhary’s academic and professional achievements have been recognized by numerous awards both inside and outside of Owens Corning. He is a Fellow of the Society of Glass Technology and also a Fellow of the American Ceramic Society. He has been past president/chair of the Industrial Liaison Board of the Center for Glass Research at Alfred University, the Glass Manufacturing Industry Council and the Glass and Optical Materials Division of the American Ceramic Society. He has been quite active in various technical committees of International Commission on Glass, especially in TC21 and was the Technical Program Chair for the 18th International Congress on Glass, held in San Francisco in 1998.

Dr. Choudhary was made a foreign member of the Czech Glass Society in 2004.

Dr. Choudhary is a registered professional engineer in the state of Ohio.

2nd

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In 2005, Glass Service began a new tradition: the presentation of the GS MODELING AWARD to outstanding individuals who have made noteworthy contribution to the glass industry in the field of mathematical modeling.

As a symbol of this Award the recipients shall be presented with a Czech glass brilliant.

