

## Andres Tremante Morakis

### **Name and academic rank:**

Andres Tremante Morakis, Senior Instructor

### **Degrees with fields, institutions and date:**

Ph.D. Mechanical Engineering, École National Supérieur d'Arts et Métiers, ENSAM. Paris, France.

MSc. Mechanical Engineering, Universidad Simón Bolívar, Caracas, Venezuela.

B.S. Mechanical Engineering, Universidad Simón Bolívar, Caracas, Venezuela.

### **Number of years of service on this faculty, date of original appointment and dates of advancement in rank:**

9 Years

Instructor, 2011; Senior Instructor, 2013, Florida International University

Visiting Professor, Florida International University, 2005-2006

### **Other related experience:**

Professor and Head of “The Mechanical Energy Conversion Laboratory” at USB, 1992-2005.

Full Professor, Universidad Simón Bolívar, Caracas, Venezuela, 2003-present.

Associate Professor, Universidad Simón Bolívar, Caracas, Venezuela, 1997-2002.

Assistant Professor, Universidad Simón Bolívar, Caracas, Venezuela, 1992-1996.

Oil Production Specialist & Total Quality Advisor at “Petróleos de Venezuela”, PDVSA. 1987 - 1991.

Oil Production Researcher & Specialist at “The Research & Technological Petroleum Institute of PDVSA”, INTEVEP. 1985 - 1987.

**Consulting, patents, etc.:** N/A

**State in which registered:** N/A

### **Principal publications (Last five years):**

G. Hernandez, M. Asuaje, F. Kenyery, A. Tremante, O. Aguillón y A. Vidal.: “Two-phase flow transient simulation of severe slugging in pipeline-risers system”. *Multiphase Flow* 2007. Bologna, Italy, Junio 2007.

Vidal, Antonio; Kenyery, Frank; Asuaje, Miguel, Tremante, Andrés; Aguillón Orlando: “Efecto de la viscosidad del líquido y la fracción de gas sobre el perfil de presión y temperatura BCP”. *IV Congreso Anual de Ingeniería SPDC ASME USB* 2007. Caracas, Venezuela. Mayo 2007.

Tremante, Andrés: Organizing Committee Chair of the “International Symposium on Energy, Informatics and Cybernetics” – EIC '07. International Institute of Informatics and Systemics. Orlando, USA. July 2007.

Tremante, Andrés: Organizing Committee Chair of the “International Conference on Education and Information Systems: Technologies and Applications” – EISTA '07. International Institute of Informatics and Systemics. Orlando, USA. July 2007.

Tremante, Andrés: Co-Chairman of the “Conferencia Iberoamericana de Sistemas, Cibernética e Informática” – CISC I '07. International Institute of Informatics and Systemics. Orlando, USA. July 2007.

Tremante, Andrés: Organizing Committee Chair of the “International Symposium on Energy, Informatics and Cybernetics” – EIC '06. International Institute of Informatics and Systemics. Orlando, USA. July 2006.

Tremante, Andrés: Organizing Committee Chair of the “International Conference on Education and Information Systems: Technologies and Applications” – EISTA '06. International Institute of Informatics and Systemics. Orlando, USA. July 2006.

Tremante, Andrés: Co-Chairman of the “Conferencia Iberoamericana de Sistemas, Cibernética e Informática” – CISC I '06. International Institute of Informatics and Systemics. Orlando, USA. July 2006.

Tremante, Andrés; Eduardo Manrique y Sandra Rodríguez: “Perspectivas de la Integración Energética en América Latina y el Caribe”. International Seminar: “Integración Energética en América del Norte vis á vis América del Sur: Regulación y Geopolítica”, organized by the: “Centro de Investigaciones sobre América del Norte (CISAN) de la Universidad Nacional Autónoma de México”. México City, May 18 and 19, 2006.

Tremante, Andrés: Organizing Committee Chair of the “International Symposium on Energy, Informatics and Cybernetics” – EIC ’05. International Institute of Informatics and Systemics. Orlando, USA. July 2005.

Tremante, Andrés: Organizing Committee Chair of the “International Conference on Education and Information Systems: Technologies and Applications” – EISTA ’05. International Institute of Informatics and Systemics. Orlando, USA. July 2005.

Tremante, Andrés: Co-Chairman of the “Conferencia Iberoamericana de Sistemas, Cibernética e Informática” – CISC ’05. International Institute of Informatics and Systemics. Orlando, USA. July 2005

Tremante, Andrés: Organizing Committee Chair of the “International Conference on Education and Information Systems: Technologies and Applications” – EISTA ’04. International Institute of Informatics and Systemics. Orlando, USA. July 2004.

Tremante, Andrés: Co-Chairman of the “Simpósium Iberoamericano de Educación, Cibernética e Informática” – SIECI ’04. International Institute of Informatics and Systemics. Orlando, USA. July 2004.

Malpica, Freddy; Moreno, Nathaly; Tremante, Andrés: “The Two-Flux Model Applied to Radiative Transfer and Forced Convection in the Laminar Boundary Layer of an Adiabatic Flat Plate”, 6th Caribbean Conference on Fluid Dynamics, January 22-23, 2004, St. Augustine, Trinidad and Tobago.

Tremante, Andrés: “Gestión de la innovación y transferencia de tecnología de universidades y centros de investigación hacia la PYME: El caso FUNINDES”, presented at “Seminario Nacional sobre Propiedad Industrial para la pequeña y mediana empresa (PYME), organized by the “Organización Mundial de la Propiedad Intelectual (OMPI)”, in junction with: “Dirección Nacional de la Propiedad Industrial (DNPI)”, “Dirección Nacional de Artesanías, Pequeñas y Medianas Empresas (DINAPYME)” from the “Ministerio de Industria, Energía y Minería de Uruguay”, and the “Asociación Latinoamericana de Integración (ALADI)”. Montevideo, October 6 and 7 - 2003.

Tremante, Andrés; Horowitz, Jeannine: “El desarrollo de Pequeñas y Medianas Empresas (PYME) de base tecnológica en el contexto de las incubadoras de empresas: El caso CADETEP”, presented at: “Reunión regional de expertos sobre el Sistema Nacional de Innovación: Propiedad Intelectual, Universidad y Empresa”, organized by the: “Organización Mundial de la Propiedad Intelectual (OMPI)” and the “Comisión Económica para América Latina y el Caribe (CEPAL)”. Santiago de Chile, October 1 to 3 - 2003.

Tremante, Andrés: Organizing Committee Chair of the “International Conference on Education and Information Systems: Technologies and Applications” – EISTA ’03. International Institute of Informatics and Systemics. Orlando, USA. July 2003.

Malpica, Freddy; Moreno, Nathaly; Tremante, Andrés: “The Two-Flux Model Applied to Radiative Transfer and natural Convection in the Laminar Boundary Layer”. American Society of Mechanical Engineers (ASME) – 2003, Summer Heat Transfer Conference. Las Vegas, USA. July 2003.

**Memberships in scientific and professional societies:** N/A

**Honors and awards:** N/A

**Institutional and professional services (Last five years):** N/A

**Professional Development Activities (Last five years):** N/A