

**3rd Seminar on Innovation, Science and Technology for Energy-Efficient  
Development: Green Buildings**

**Profile of Participants**

**COUNTRY: BRAZIL**

Name: **Henrique Antonio Carvalho Braga**  
Nationality: **Brazilian**  
Current position: **Professor**  
Institution: **Universidad Federal de Juiz de Fora, Facultad de Ingeniería Eléctrica**  
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**Small biography**

Henrique A. C. Braga received the degree in Electrical Engineering from the Universidad Federal de Juiz de Fora (UFJF) in 1982, and teaches at this institution since 1985. He obtained a masters degree in Electrical Engineering from the Universidad Federal de Río de Janeiro in 1988. In 1996 reached a doctoral degree (Dr. Ing.) in Universidad Federal de Santa Catarina, INEP / UFSC. He is currently an associate professor of UFJF, teaching at the undergraduate and graduate programs in electrical engineering, mainly devoted to the subjects of Basic Electronics and Power Electronics. From 2005 to 2006, Prof. Braga attended a postdoctoral phase at the Universidad de Oviedo in the city of Gijón, Asturias. He is involved in activities related to Power Electronics, Efficient Lighting, electric vehicles and Applied Converters for Renewable Energy. He is a member of IEEE and President of the Brazilian Society of Power Electronics (SOBRAEP).

**Impact of their work of teaching and / or research**

For being dedicated to issues such as efficient lighting, renewable energy and electric vehicles, the work of Prof. Henrique contributes to the formation of a power-saving mentality among young students. In addition, because of his papers and articles published in scientific journals, technical conferences and indexed journals value the rational use of energy, intelligent buildings and sustainable communities. Prof. Braga's been a technical consultant to government agencies, regulatory bodies and institutes for innovation and technology development. He has also contributed to efficient lighting projects for industries, public buildings and universities.