

Profile of Prof. José Luis Encarnaç o

Jos  Luis Encarnaç o was born in Portugal and has been living in the Federal Republic of Germany since 1959. Since 1975 has been professor for computer science at the *Technical University Darmstadt* and is head of the department Graphical-Interactive Systems (TUD-GRIS).

Under his leadership the *INI-GraphicsNet* (International Network of Institutions for advanced education, training and R&D in Computer Graphics technology, systems and applications) was established (<http://www.inigraphics.net>). This institutional network with more than 350 staff members, over 500 students and a budget of more than 40 million EURO is one of the global key players in the area of visualization technologies, new Media and new forms of communications including information and communication technologies and applications. Beyond this he founded a private enterprise, the *INI-GraphicsNet Investments Holding GmbH* and, himself as sponsor, the *INI-GraphicsNet Foundation* with the aim, to force the development of spin-offs and commercialization of research results out of the INI-GraphicsNet.

Professor Encarnaç o is Dipl.-Ing. and Dr.-Ing. in electrical engineering from the *Technical University of Berlin*. From 1987 – 2006 he had been Director of the *Fraunhofer Institute for Computer Graphics* (IGD) and he is Chairman of the *INI-GraphicsNet Foundation* since 1999. He is Author or Co-Author of more than 500 publications and articles in international reviewed journals and well known conferences. From 1983 – 2007 he had been editor-in-chief of *Computers & Graphics*, which is published by Elsevier Science. From July 2001 to October 2006 he had been chairman of the information and communication group of the Fraunhofer society, which results from the fusion with the GMD (in total 17 institutes with round about 3000 staff members and 190 million EURO budget in 2005). 1995-2004 he was an elected senior technical reviewer and advisor to the German Science Foundation (DFG). Since 2001 Professor Encarnaç o has been a member of the EU-advisory board of the information technology area (ISTAG), chairman of this board from 2002 to 2004, and has been co-chairman since 2005. From 2002 to 2006 he had been a member of the executive board (*Pr sidium*) of the *Fraunhofer Society* and member of the Advisory Board for the Internationalization of the Portuguese Economy (ITEC/COTEC). From 2004 to 2005 he was chairman of a panel of experts convoked by the Portuguese government for the evaluation of Portuguese state laboratories. Since 2004 he is a member of the University Council of the University of Rostock and of the *Universidade do Minho*, in Braga and Guimar es, Portugal. Since 2005 he has been a member of the Committee for Research Evaluation (CIVR) in Italy and between 2005 and 2007 member of the “Korean-German Industrial Technology Cooperation Committee” (KGITCC). In 2007 he became Member of the “Governmental Advisory Board” for the Program MDP (Media Development Program) in Singapore.

Besides several honours, he was awarded with the German Federal Service Cross in 1983, with the German Federal Service Cross First Class in 1995 and in 2006 with the Cross of the Order of Merit of the Federal Republic of Germany. The country of Portugal honoured him with the “Ordem Militar de Santiago de Espada” in 2001. The title of an Honorary Professor was conferred to Professor Encarnaç o by the Zhejiang University in Hangzhou, China, in 1991, and by the *Universidade Estadual de Campinas* in S o Paulo, Brazil, in 2001; he was given the honorary doctorate (Dr. h.c.) by the *Universidade T cnica de Lisboa*, Portugal, in 1991, by the University of Rostock, Germany, (Dr. e.h.) in 1996, by the *Universidade do Minho*, Braga/Guimar es, Portugal (Dr. h.c.) in 2002 and by the Nanyang Technological University, Singapore (Dr. h.c.) in 2008. In 2001 the title of an Honorary Senator was conferred to him by the *University of Maribor*, Slovenia. The German Federal State of Hesse awarded to him the “Hessischer Kulturpreis” in 2000 in recognition of his scientific achievements. In 2001 he was

elected full member of the “Berlin-Brandenburgische Akademie der Wissenschaften“ and in 2002 he became a full member in the “Konvent der Technikwissenschaften der Union der deutschen Akademien der Wissenschaften“ (acatech).

For outstanding technical and scientific achievements he received the Karl-Heinz-Beckurts Award in 1989. He was the recipient of the Steven A. Coons Award from ACM-SIGGRAPH in 1995 and the recipient of the Konrad-Zuse-Medal by the German Computer Society (GI) in 1997. In 2001 he was honoured with the “Technologiepreis der Eduard-Rhein-Stiftung”. Also in 2001 he received the Fraunhofer Medal which is the highest award of the *Fraunhofer Gesellschaft*. In 2004 he received the Honorary Golden Needle of the *German Association of Electrical Engineers* (VDE) and in 2009 the Convergators Life Award. All of them are high awards for outstanding and very important technical and scientific achievements.

Darmstadt, March 2009

Further information about his personal data are available from the long version of the CV of Professor Encarnaç o (<http://www.inigraphics.net/~jle>).

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