

Gianguido Piani

PERSONAL	Born on 5 December 1958	gipcontact@mailbox.org
FIELDS OF INTEREST, PROFESSIONAL EXPERIENCE	Power systems automation and operations. Electricity and district heating grid technology and economics. Energy efficiency, metering. Renewable energy sources, system integration, financial aspects. Open-source software, Linux. Microcontrollers for energy and environmental applications. Human factors in complex technical systems.	
EDUCATION	Licentiate of Engineering in Industrial Automation, University of Lund, Sweden, 1993 Laurea in Fisica Applicata (M.Sc. in Applied Physics), University of Bologna, Italy, 1981	
IT KNOWHOW	Linux/ Ubuntu, C, Python, SQL, Real-time programming.	
LANGUAGE SKILLS	Italian mother language English, German, Russian fluent (C1) French, Swedish conversational (B2)	
TEACHING/ VISITING APPOINTMENTS	Nordakademie, Elmshorn, Hamburg, Germany, Measurements and Control Technology 2023 New Economic School, Skolkovo Campus, Moscow, Russia, Renewable Energy Technology and Economics, September-October 2018 University of Applied Sciences Upper Austria, Campus Wels, Renewable Energy Resources, 2014-2017 Kaunas Technical University, Lithuania, Industrial Automation, March-May 1992	
WORK HISTORY	Since 2003: independent advisor CJSC "Communication and Telecontrol Systems", St.Petersburg, Russia, Deputy General Director for Development, 2011-2012. ABB Utilities, Russia/C.I.S. Responsible for SCADA systems, 1994-2002. German Space Research Center, Munich, systems engineer, 1986-1989. VIAK AB, Vällingby, Sweden, software engineer, 1983-1986. Billman Landis&Gyr, Huddinge, Sweden, software engineer, 1982-1983.	
PUBLICATIONS	Book on Industrial Automation, published in English, German, Russian Book on Kyoto Protocol and emissions reductions, published in Italian About 120 articles mostly on energy, environment, IT on wide-distribution media, in English, Italian, German, Russian	