

CURRICULUM VITAE OF PAOLO BERZAGHI

Paolo Berzaghi was born in Italy and raised at the family dairy farm. He obtained his bachelor degree in Agricultural Science from the University of Padua (Italy) in 1988. In 1991 he moved to US to begin a Master program in dairy nutrition at Virginia Tech (VA, USA). He began working at the University of Padua in 1993 as research assistant in the Animal Science Department and he is now Associate Professor.

He was a Fulbright scholar between 1997 and 1998 spending 4 months at Penn State/Infrasoft International with Dr. Shenk. During that period he was heavily involved in developing and testing WinISI 1.0 and the Local algorithm for calibration development of NIR instruments. Beginning March 2000 he worked for two years as visiting scientist in Madison (WI), under a research agreement that involved the University of Padova, University of Wisconsin and ARS-USDA. Since that time he has been acting as technical manager of the NIRS Consortium (<http://nirsconsortium.org/default.aspx>), developing calibration and standardization for over 25 labs located across the US specialized in forage analysis. From 2003 to 2007 he had a research contract with ARS-USDA to maintain a research program at the US Dairy Forage Research Center (Madison, WI) developing rapid method of analysis apply at farm level under the supervision of Dr. David R. Mertens.

He is currently the inventor or co-inventor of 6 patents all involved NIR from application at the farm to NIR database management. Current interests are the development of solutions for the use of NIR at the farms. In 2005 he has patented a system for grain analysis on combined. In 2007 started a university spin-off company (www.grainit.it) to produce and install NIT systems on commercial combines, grain elevator and flour mills.

He was the organizer of the 2010 NIR on the Go Conference and the 2012 Italian NIR meeting. Member of the Advisory Committee of the International Council of Near Infrared Spectroscopy from 2011 to 2015. Member of the Council Management Committee of the International Council of Near Infrared Spectroscopy 2015-2021