

Authored and Edited Books by Virginio Cantoni

Authored Books

<i>Pyramidal Architectures for Computer Vision</i> with M. Ferretti,	New York, Plenum Press, 1994.
<i>Appunti delle Lezioni di Fondamenti di Informatica del Prof. Cantoni (libro didattico)</i> A cura di A. Piccolini	Milano, CODIT, 1995.
<i>3C Vision: Cues, Contexts and Channels</i> with Stefano Levialdi and Bertrand Zavidovique	London, Elsevier, 2011
<i>Alessandro Volta. The 1878 Celebrations at the University of Pavia</i> with Adriano Paolo Morando	Silvana Editoriale, 2011
<i>Pavia The Battle, The Future 1525-2015 Nothing was the same again</i> with Dimitar Karastoyanov, Mauro Mosconi, Alessandra Setti	Pavia, Pavia University Press, 2016
<i>Virtual Reconstruction of Pavia in the XVI Century</i> with Mauro Mosconi, Alessandra Setti	Pavia, Pavia University Press, 2018
<i>The Ark of St. Augustine - Student participation in the use of digital technologies for innovative interpretations of art</i> with Mauro Mosconi, Alessandra Setti	PSYCOMIX, Litos srl – Gianico (BS), 2022

Edited Books

<i>Proc. Convegno Tecniche di Elaborazione di Immagini di Interesse Clinico</i> Milano, Cislighi, 1978.	
<i>Proc. Int. Conference on Measure Systems and Distributed Processing</i> Pavia, Italy, SEAG, 1979.	
<i>Proc. 1st Int. Conference on Image Analysis and Processing</i> Pavia, Italy, SEAG, 1980.	
<i>Image Analysis and Processing</i> with S. Levialdi and G. Musso	New York, Plenum Press, 1986.
<i>Pyramidal Systems for Computer Vision</i> with S. Levialdi	Berlin, Springer, 1986.
<i>Image Analysis and Processing II</i> with V. Di Gesù and S. Levialdi	New York, Plenum Press, 1988.
<i>La Visione delle Macchine</i> with S. Levialdi	Milano, Tecniche Nuove, 1989.
<i>Recent Issues in Pattern Analysis and Recognition</i> with R. Creutzburg, S. Levialdi and G. Wolf	Berlin, Springer, 1989.
<i>Progress in Image Analysis and Processing</i> with L. Cordella, S. Levialdi, G. Sanniti di Baja	Singapore, World Scientific Publishing Co, 1990.
<i>Progress in Image Analysis and Processing II</i> with M. Ferretti, S. Levialdi, R. Negrini, R. Stefanelli	Singapore, World Scientific Publishing Co, 1992.
<i>Human and Machine Vision: Analogies and Divergencies</i>	New York, Plenum Press, 1994.

- Proc. CAMP'95 *Computer Architectures for Machine Perception*
 with L. Lombardi, M. Mosconi, M. Savini, A. Setti
 Los Alamitos, IEEE Computer Society Press, 1995.
- Appunti delle Lezioni di *Fondamenti di Informatica* del Prof. Cantoni (*text book*)
 Collected by A. Piccolini
 Milano, CODIT, 1995
- Artificial Vision: Image Description, Recognition, and Communication*
 with S. Levialdi, V. Roberto
 London, Academic Press, 1996.
- Human and Machine Vision: Information Fusion*
 with V. Di Gesù, A. Setti, D. Tegolo
 New York, Plenum Press, 1997.
- Human and Machine Vision 2: Emergence, Attention and Creativity*
 with V. Di Gesù, A. Setti, D. Tegolo
 New York, Plenum Press, 1999.
- Proc. of 10th Int. Conference on *Image Analysis and Processing*
 with S. Levialdi, V. Roberto
 Los Alamitos, IEEE Computer Society, 1999.
- Proc. CAMP 2000 *Computer Architectures for Machine Perception*
 with C. Guerra
 Los Alamitos, IEEE Computer Society Press, 2000.
- Human and Machine Vision 3: Thinking Deciding and Acting*
 with V. Di Gesù, A. Setti, D. Tegolo
 New York, Kluwer Academic/Plenum Publishers, 2001.
- Visual Attention Mechanisms*
 with M. Marinaro, A. Petrosino
 New York, Kluwer Academic/Plenum Publishers, 2002.
- Human and Machine Perception 4: Communication, Interaction and Integration*
 with R. Marmo, A. Setti, S. Vitulano
 Singapore, World Scientific Publishing Co, 2005.
- Ingegneri a Pavia tra formazione e professione*
 with A. Ferraresi
 Milano, Cisalpino IEU, 2007.
- Re-Engineering Engineering: la formazione dell'ingegnere globale*
 Monocalzati (Avellino), CUES, 2008.
- Lauree Honoris Causa a Federico Faggin, Thomas J.R. Hughes, Alvaro Siza Vieira, Richard Stallman*
 Pavia, Tipografia Commerciale Pavese, 2008.
- Storia della Tecnica Elettrica*
 with A. Silvestri
 Milano, Cisalpino IEU, 2009.
- Storia delle Telecomunicazioni*
 with G. Falciasecca, G. Pelosi
 Firenze, Firenze University Press, 2011.
- Colloquium Ticinense in onore di Ivo De lotto*
 with A. Setti
 Pavia, Tipografia Commerciale Pavese, 2012.
- Pavia 1878. Il mondo della fisica onora Volta*
 with A. P. Morando, F. Zucca
 Milano, Cisalpino IEU, 2013.
- Storia della Meccanica*
 with V. Marchis, E. Rovida
 Pavia, Pavia University Press, 2013.

New Trends in Image Analysis and Processing

with Alfredo Petrosino, Lucia Maddalena, Pietro Pala, Michele Ceccarelli, Robert F. Murphy, Alberto Del Bimbo, Maja Pantic, Costantino Grana, Johan Oomen, Giuseppe Serra, Marco Leo, Danilo P. Mandic, Giuseppe Pirlo, Michael Fairhurst, Donato Impedovo

Berlin Heidelberg, Springer-Verlag, 2013.

Biometric Authentication

with D. Dimov, M. Tistarelli

Berlin Heidelberg, Springer-Verlag, 2014