

## Patents

- ✧ “Methods of monitoring effects of chemical agents on a sample”. US 6,902,935.
  - ✧ “Dictionary generation method for video and image compression”. US 7,003,039.
  - ✧ “Methods and system for correcting image misalignment”. US 7,187,810 B2.
  - ✧ “Image processing using measures of similarity”. US 7,260,248.
- 
- ✧ “Methods of diagnosing disease”. US patent application 20020007122.
  - ✧ “Methods of monitoring effects of chemical agents on a sample”. US patent application 20020127735.
  - ✧ “Methods of diagnosing disease”. US patent application 20030207250.
  - ✧ “Methods of monitoring effects of chemical agents on a sample”. US patent application 20050064602.
  - ✧ “Système de visualisation et de mesure pour surfaces cutanées, portatif, autonome et calibré”. PCT/IB2007/051726.

## Book Chapters and Journal Articles

- ✧ J. Guillod et Ph. Schmid. “Dermatoscopie”. In P. Agache, editor, *Explorations fonctionnelles cutanées: théorie et pratique.*, Editions Médicales Internationales, pp. 59-73, 2000.
- ✧ Ph. Schmid-Saugeon and A. Zakhor. “[Dictionary Design for Matching Pursuit and Application to Motion Compensated Video Coding](#)”. *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 14, no. 6, June 2004.
- ✧ Ph. Schmid-Saugeon, J. Guillod and J.-Ph. Thiran. “[Towards a Computer Aided Diagnosis System for Skin Cancer](#)”. *Computerized Medical Imaging and Graphics*, vol. 27, no. 1, pp. 65-78, January 2003.
- ✧ J. Guillod J, Ph. Schmid-Saugeon, D. Guggisberg, JP. Cerottini, R. Braun, J. Krischer, J.-H. Saurat and M. Kunt. “[Validation of segmentation techniques for digital dermoscopy](#)”. *Skin Res Technol*, vol. 8, no. 4, pp. 240-249, November 2002.
- ✧ Ph. Schmid-Saugeon. “[Symmetry Axis Computation for Almost-Symmetrical and Asymmetrical Objects: Application to Pigmented Skin Lesions](#)”. *Medical Image Analysis*, vol. 4, no. 3, pp. 269-282, September 2000.
- ✧ Ph. Schmid, “[Segmentation of Digitized Dermatoscopic Images by 2D Color Clustering](#)”, *IEEE Transactions on Medical Imaging*, vol. 18, no. 2, pp. 164-171, February 1999.

## Conference Articles

- ✧ J. Guillod, F. Décaillet, Ph. Schmid-Saugeon, R. Panizzon, M. Kunt and J.P. Thiran “Development and usage of an open internet platform for distributed image processing applied to dermoscopy”. *1st Joint Meeting, 14th International Congress for Bioengineering and the Skin, and 8th Congress of the International Society for Skin Imaging*, Hamburg, 2003.
- ✧ J. Guillod, Ph. Schmid-Saugeon, F. Décaillet, R. Panizzon, M. Kunt and J.P. Thiran. “[An Open Internet Platform to Distributed Image Processing applied to Dermoscopy](#)”. *Medical Informatics Europe*, St Malo, France, May 2003.
- ✧ Ph. Schmid-Saugeon and A. Zakhor. “[Learning dictionaries for matching pursuits video coding](#)”. *Proceedings of ICIP'01*, vol. 3, pp. 562-565, October 2001.
- ✧ Ph. Schmid. “[Lesion Detection in Dermatoscopic Images Using Anisotropic Diffusion and Morphological Flooding](#)”. *Proceedings of ICIP '99*, vol. 3, pp. 449-453, Kobe, Japan, 24-28 October 1999.
- ✧ Ph. Schmid and J. Guillod. “Traitement numérique des images appliqué à la dermatoscopie”. *Proceedings of the 80th Annual Meeting of the Swiss Society of Dermatology and Venereology*, September 1998.
- ✧ Ph. Schmid and S. Fischer. “[Colour Segmentation for the Analysis of Pigmented Skin Lesions](#)”. *Proceedings of IPA '97*, vol. 2, pp. 688-692, July 1997.
- ✧ Ph. Schmid. “Symmetry Measure for the Computer Aided Diagnosis of Pigmented Skin Lesions”. *Proceedings of the 11th International Symposium in Computer Assisted Radiology and Surgery*, p. 998, June 1997.
- ✧ J. Guillod, S. Fischer, Ph. Schmid, D. Salomon, and J.-H. Saurat. “Analyse d'images dermatoscopiques digitalisées”. *Proceedings of the 78th Annual Meeting of the Swiss Society of Dermatology and Venereology*, September 1996.
- ✧ S. Fischer, Ph. Schmid, and J. Guillod. “[Analysis of Skin Lesions with Pigmented Networks](#)”. *Proceedings of ICIP '96*, vol. 1, pp. 323-326, September 1996.