

LIST OF PUBLICATIONS

Thierry Pun.
October 5, 2018

- 1. Refereed journals, book chapters, special issues**
- 2. Patent applications**
- 3. International conferences with refereed full length articles, invited talks, full demonstrations**
- 4. Other conferences**
- 5. Other journals**
- 6. Miscellaneous**
- 7. Public events**
- 8. Media coverage**
- 9. Course notes**

1. Refereed journals, book chapters, special issues

1. M. Muszynski, Leimin Tian, Catherine Lai, J. D. Moore, T. Kostoulas, P. Lombardo, T. Pun, G. Chanel, "Recognizing induced emotions of movie audiences from multimodal information", IEEE Trans. on Affective Computing, rev., Feb. 2018.
2. Chen Wang, T. Pun, G. Chanel, "A comparative survey of methods for remote heart rate detection from frontal face videos", Frontiers in Bioengineering and Biotechnology, section Bionics and Biomimetics, Special Topic "Applications of Visual Analysis of Human Behavior", Gholamreza Anbarjafari, Cagri Ozcinar, Hasan Demirel, Eds., 2018. (Front. Bioeng. Biotechnol., 01 May 2018 <https://doi.org/10.3389/fbioe.2018.00033>)
3. M. Muszynski, T. Kostoulas, P. Lombardo, T. Pun, G. Chanel, "Aesthetic highlight detection in movies based on synchronization of spectators' reactions", ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM), 14, 3, July 2018.
4. S. Cloix, T. Pun, D. Hasler, "2D point characterization for 3D keypoint detection using light field images", Journal of Real-Time Image Processing (JRTIP), Springer. Subm. 5 April 2017.
5. T. Kostoulas, G. Chanel, M. Muszynski, P. Lombardo, T. Pun, "Films, affective computing and aesthetic experience: Identifying emotional and aesthetic highlights from multimodal signals in a social setting", Human-Media Interaction, Specialty section, Frontiers in ICT, 2017, Front. ICT 4:11. doi: 10.3389/fict.2017.00011
6. M. Soleymani, F. Villaro-Dixon, T. Pun, G. Chanel, "Toolbox for Emotional fEAture extraction from Physiological signals (TEAP)", Frontiers in ICT, section Human-Media Interaction, Vol. 4, Issue 1, 2017. doi: 10.3389/fict.2017.00001.
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9. J. Gomez, G. Bologna, T. Pun, "Extending interaction in visual sensory substitution devices with text recognition and tactile augmented reality", Journal of Assistive Technologies, Submitted, 2014.
10. J. D. Gomez, G. Bologna, T. Pun, "A visual world to be heard: Touch and audio trajectory playback as non-visual cueing method to increase spatial awareness of unsighted individuals", Springer Journal of Interaction Science, Submitted, March 2014.
11. M. Soleymani, T. Pun and A. Nijholt, "Best of Affective Computing and Intelligent Interaction 2013 in Multimodal Interactions", Special Issue Guest Editorial, Journal on Multimodal User Interfaces, Springer, July 2014. DOI 10.1007/s12193-014-0163-2.
12. J. Gomez, G. Bologna, T. Pun, "See ColOr: An extended sensory substitution device for the visually impaired", J. of Assistive Technologies, Vol. 8, No. 2, 2014, 77-94. DOI: 10.1108/JAT-08-2013-0025
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14. J. D. Gomez, G. Bologna, T. Pun, "Registering color and range images", EURASIP Journal on Image and Video Processing, 2013:41, June 2013. Doi:10.1186/1687-5281-2013-41, <http://jivp.eurasipjournals.com/content/2013/1/41>.
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2. Patent applications

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4. Other conferences

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2. M. Muszynski, T. Kostoulas, P. Lombardo, T. Pun, G. Chanel, "Films, aesthetics and emotions - Interdisciplinary studies", Annual Research Forum, Swiss Center for Affective Sciences, Feb. 7, 2018, Geneva, Switzerland (poster).
3. Chen Wang, T. Pun, G. Chanel, "A multimodal database for impression detection and prediction", Annual Research Forum, Swiss Center for Affective Sciences, Feb. 7, 2018, Geneva, Switzerland (poster).
4. M. Btrancourt, T. Pun, G. Molinari, G. Chanel, "EATMINT: Emotion awareness tools for mediated interaction", Swiss Center of Affective Sciences, Closing Conference, May 18-19, 2017, Geneva, Switzerland (invited talk).
5. Chen Wang, T. Pun, G. Chanel, "A comparison of methods for remote heart rate detection from frontal face videos", Swiss Center of Affective Sciences, Closing Conference, May 18-19, 2017, Geneva, Switzerland (poster).
6. M. Muszynski, T. Kostoulas, P. Lombardo, T. Pun, G. Chanel, "Evaluation of synchronization measures for aesthetic highlight detection in movies", Swiss Center of Affective Sciences, Closing Conference, May 18-19, 2017, Geneva, Switzerland (poster).
7. M. Fritz, S. Avry, G. Chanel, T. Pun, G. Molinari, M. Btrancourt, "Real-Time Emotion Self-Report with the Dynamic Emotion Wheel", Annual Research Forum, Swiss Center for Affective Sciences, March 3-4, 2016, Geneva, Switzerland (poster).
8. M. Muszynski, T. Kostoulas, G. Chanel, P. Lombardo, T. Pun, "Spectators' synchronization detection based on physiological signals: application to movie highlights detection", Annual Research Forum, Swiss Center for Affective Sciences, March 3-4, 2016, Geneva, Switzerland (poster).
9. S. Avry, G. Chanel, T. Pun, G. Molinari, M. Btrancourt, "Impact of control and value feedbacks on emotions and collaborative strategies during computer-mediated collaborative problem-solving task", Annual Research Forum, Swiss Center for Affective Sciences, March 3-4, 2016, Geneva, Switzerland (talk).
10. T. Pun, S. Cloix, G. Bologna, V. Weiss, D. Hasler, "EyeWalker: Ultralight low-cost vision system for mobility aids", Hasler Smartworld Workshop, November 2-3, 2015, Fribourg, Switzerland.
11. M. Muszynski, T. Kostoulas, G. Chanel, P. Lombardo, T. Pun, "Spectators' synchronization detection based on manifold representation of physiological signals: application to movie highlights detection", BBL/CIBM Research day, Sept. 28, 2015, Brain-and-Behavior Laboratory, Univ. of Geneva, Switzerland (poster). Also at: Inauguration of the Swiss Doctoral School in Affective Sciences, University of Geneva, Campus Biotech, Geneva, Switzerland.
12. T. Pun, D. Hasler, G. Bologna, S. Cloix, V. Weiss, "The EyeWalker Project", Meeting Community Resourcing Worldwide, Gerontechnology projects in Western Switzerland, June 8, 2015, University of Geneva, Switzerland. (Talk by Guido Bologna).
13. V. Weiss, G. Bologna, S. Cloix, C. Bernier, D. Hasler, T. Pun, "Eyewalker: Vers un dambulateur "intelligent" détectant des situations risque", Journe de sensibilisation aux grontechnologies 2015 - Innovations technologiques: dfis thiques et juridiques, IMAD - Institution Genevoise de Maintien Domicile, 4 mars 2015, Geneva, Switzerland.

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20. T. Pun, F. Vanel, "Affect sensing", GCC - Geneva Creativity Center Tech Lunch 6, June 12, 2014.
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26. G. Bologna, S. Cloix, V. Weiss, D. Hasler, T. Pun, "EyeWalker: vers un dambulateur "intelligent" discernant les obstacles et les changements de terrain", 20me Congrs SOFPEL, Aux Frontires de la Posture et de la Locomotion, 29-30 novembre 2013, Geneva, Switzerland. Clinical Neurophysiology, Vol. 43, No. 6, Nov. 2013, 16.
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34. T. Pun, *Affective computing and multimodal interaction: Overview of activities*, Invited Talk, Technicolor, Rennes, France, August 27th, 2012.
35. T. Pun, "Affective computing: From case-studies to theory", Swiss Center for Affective Sciences, Graduate Seminars Series, Geneva, Switzerland, June 20, 2012. (Tutorial/short course format)
36. G. Chanel, T. Pun, M. Betrancourt, "Overview of activities, Affective computing focus and computational modeling", Oral Presentation, Swiss Center for Affective Sciences, Annual Research Forum, Feb. 9-10, 2012, Geneva, Switzerland.
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39. J. D. Gomez, G. Bologna, T. Pun, "Color-audio encoding interface for visual substitution", Zrich Vision Meeting 2011, April 19, 2011 (poster).
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By invitation.
42. J. Kierkels, T. Pun, *Tags and queries in affect-based multimedia retrieval*, Petamedia EU project Audit, Delft, The Netherlands, April 2, 2009. (Extended abstract and poster)
43. M. Soleymani and T. Pun, *Affective representation of movie scenes based on multimedia content analysis and user's physiological emotional responses*, and *Overview of research at the Computer Vision and Multimedia Laboratory, Multimodal Interaction Group*, Dec. 15, 2008, NEC Laboratories America, Cupertino, CA, USA. (Talks given by T. Pun)
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53. G. Chanel, K. Ansari-Asl, T. Pun, *From thoughts to emotions: emotional state assessment using physiological recordings*, HUMABIO EU Project Workshop, “Securing infrastructures and enhancing safety in critical operations; Humabio physiological and behavioural biometrics for unobtrusive authentication and monitoring”, February 2, 2007, Basel, Switzerland.
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55. R. Rytsar, T. Pun, *Finite elements modelling of the dipole source in EEG*, Diablerets 2006, Lemanic-Neurosciences Annual Meeting, September 8-9, 2006, Les Diablerets, Switzerland.
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5. Other journals

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7. Public events

1. T. Pun, "Informatique affective et multimodale", Uni-3, Universit de Genve, Mardi 2 juin 2015.
2. G. Chanel, T. Pun, V. Weiss, "Ttris vous nerve? Recherches en informatique affective et sociale", TecDay@Madame-de-Stael, Collège Madame de Staehl, Genve, Mardi 28 avril 2015.
3. G. Chanel and Colleagues, "EmoTris - Emotive Tetris", part of the 1 year long exhibition "Emotions, Une histoire naturelle", Natural History Museum, Neuchtel, Switzerland, Nov. 30, 2014 to Nov. 29, 2015.
4. High School Visits from all students from the Geneva high schools, Dec. 3, 2009.
5. "Journe des collgiens", Information day for high school students, Oct. 28, 2009. Demonstration: "Apparier ses chaussettes les yeux fermes" (Colored socks pairing based on auditory rendition of colors, work done for a visual prosthesis for sight handicapped people).
6. "Journe des filles", Public demonstrations for young girls, Nov. 12, 2009. Demonstration: "Jouer au flipper sans les mains" (Pinball driven by electro-myograms).
7. "Nuit de l'Universit", Major public exhibition, University of Geneva 450th Anniversary. Demonstrations: "Jouer au flipper sans les mains" (Pinball driven by electro-myograms), "Composer une lettre par la pense" (Brain-computer interaction for writing a letter), "Mesure de l'excitation procure par de la musique" (Measurement of excitation produced by music), "Apparier ses chaussettes les yeux fermes" (Colored socks pairing based on auditory rendition of colors, work done for a visual prosthesis for sight handicapped people), June 13, 2009.
8. T. Pun, "Interaction homme machine multimodale", Rotary Club, Geneva, June 10, 2009.

9. Yearly participation to Open doors, presentations to high-school students, etc.
10. Presentations of our research activities to senior high-school students, Geneva Colleges, 2006. May 16, 2005: "Nouvelles interfaces homme-machine", College de Staehl, Geneva.
11. "Caf de l'Universit-Informatique", Roundtable with Junior High-school students, Cycle d'Orientation de la Gradelle, Geneva, with demonstrations and a talk on "Communiquer en touchant, en coutant, et par la pense", Oct. 4, 2005.
12. "Journe des Collgiens", Presentation of the Computing Science Department for High-School students, Talk on "Nouvelles interfaces humain-machine: interaction multimodale", Sept. 28, 2005.
13. "Semaine de l'Informatique Plurielle", Computing Science Center, University of Geneva, Nov. 22 to 27, 2004, incl. Open Doors day on Saturday Nov. 27, 2004.
14. Open Doors, Copmputing Science Center, University of Geneva, Tuesday Feb. 25, 2003, to Saturday March 1, 2003.
15. CAST-Forum, Competence Center for Applied Security Technology, Exhibition of the Watermarking system Berkut, during the Workshop on Digital Watermarking and Digital Rights Management, 25-26 Sept. 2002, Fraunhofer IGD, Darmstadt, Germany.
16. First Tuesday, 5 Fv., 2002, Genve, "Scurit": *Filigranage digital de documents multimdia*, T. Pun.
17. Rencontre Virtuelles et Relles, Nicphorecitet, 17-18, Nov. 2001: Table ronde "Gestion de de contenu multimdia pour le web" (participation of W. Mueller).
18. Rencontre DEEP (Dpt. Economie, Emploi, Aff. Extrieures), Socits IT, Universit, 18 Mai, 2001, Genve: *Filigranage digital de documents multimdia*, T. Pun.
19. Orbit/Comdex, Sep. 26-29, 2000, Basel, Switzerland: presentation of the SPP-ICS project KryPict (watermarking) as a showcase, Swiss NSF stand.
20. Portes ouvertes (Open doors), May 27, 2000: the Computer Vision and Multimedia Laboratory opens itself to the public, Univ. of Geneva.
21. Computer 2000, May 2-5, 2000, Lausanne, Switzerland: presentation of the Web sonification project as a showcase, Univ. of Geneva stand.
22. Telecom International 1999, Oct. 10-17, 1999, Geneva, Switzerland: presentation of the European project JEDI-FIRE (watermarking) as a showcase, EU stand.

8. Media coverage

1. T. Pun, P. Lombardo, Interview by Virginie Matter, RTS1 - Swiss Radio 1, Corpus, Oct. 2, 2013. About the Movie experiment affective computing project.
2. T. Pun, *Images mentales et environnements multimdia anims et interactifs: risques ou opportunit?*, TSR Dcouverte, Scientific portal of the Swiss Tlevision, Oct. 2007, <http://www.tsrdecouverte.ch/home>, <http://www.tsrdecouverte.ch/13-16/forums/all/cerveau-1316/>?
3. P. Cormon, *Des scientifiques genevois veulent transformer les couleurs en sons pour aider les aveugles*, Entreprise Romande, 12 oct. 2007.
4. S. Voloshynovskiy, O. Koval, *Scurit via tlphones portables*, EPFL Flash Informatique, 28 aout 2007, 41-44.
5. Campus, University of Geneva Magazine, "Anteleon: du droit d'auteur la publicit", Dossier Spin-off, No. 85, avril-mai 2007.
6. RSR1, Radio Suisse Romande, Interviews of Thierry Pun, Serguei Startchik, La Capsule de Pain, *Le marquage numrique*, and *Marquage numrique et dbouchs commerciaux*, by Jean-Olivier Pain, March 28 and 29, 2007.
7. A. Vos, *Esprit, es-tu branch?*, Campus, Magazine de l'Universit de Genve, No. 83, dc. 2006 - jan. 2007, 8-9.
8. RSR 1, Radio Suisse Romande, Interview, Mordicus, *A quoi ressemblera l'homme de demain?*, by Nancy Ypsilantis, Interview by Emmanuel Gripon, May 25, 2006.

9. RSR 1, Radio Suisse Romande, Interview, Mordicus, *Risquons-nous d'être transform en machine ?*, by Lydia Gabor, Interview by Germaine Mller, Oct. 31, 2005.
10. Swiss National Science Foundation, *Faits marquants du programme d'encouragement du FNS en l'an 2000 (Key moments of the SNSF program for year 2000)*, 49th SNSF Annual Report, March 2001: our watermarking research appears in a list of 13 projects selected in all academic domains for year 2000.
11. Bild der Wissenschaft, June 2001: *Websound: Vertonte Bilder fuer Sehbehinderte*, Ralf Butscher.
12. PRISMA, Swiss NSF, Mai 2001, Coopération avec l'Industrie: *A l'unisson contre les pirates d'Internet*, E. Heinzelmann.
13. Swiss Radio RSR 1, On en parle, *Filigranage d'images*, 05 Apr. 2001: Stephane Laurenceau.
14. Vision, Le Magazine suisse de la science et de l'innovation, *Des idées générèrent des emplois*, 1/2001, Mars 2001, 22.
15. Futur(e)s, AGEFI, 4, Mars 2001: *Thierry Pun, dompteur d'images*, P. Pauchard.
16. Why Geneva? Feb. 20, 2001, Official Web site of the Canton of Geneva, www.geneva.ch: *Geneva University team wins international accolade for best electronic watermarking*.
17. Tribune de Genève, 19 Fev. 2001: *Des scientifiques genevois inventent le filigrane numérique*, J.-J. Daetwyller.
18. 24 Heures, 14 Fev. 2001: *Invention, l'Uni de Genève contre les pirates d'Internet: un e-tatouage indélébile*, J.-J. Daetwyller.
19. PME Magazine, Fev. 2001: *Un genevois invente le filigrane parfait*, A. Canto.
20. FACTS, Feb. 2001: *Wenn die Bilder tönen lernen*, A. Schürer.
21. SVM, Science et Vie Micro, Jan. 2001: *L'invité, T. Pun, Il invente un watermark en béton*, A. Canto.
22. Polyrama, 114, Dec. 2000: *Inusable et invisible: des signes copyright pour l'Internet*.
23. Le Temps, 4 dec. 2000: *Quand le Web se met au service des malvoyants*, S. Camporini.
24. Swiss Radio RSR 1, Aug. 22, 2000: 1 hour talk show *Websound*, hosted by J.-M. Sandoz.
25. Entreprises, Télécommunications - Informatique, 2628, 16 juin 2000: *Inusable et invisible: Un copyright suisse pour l'Internet*.
26. Swiss Radio RSR Espace 2, June 3, 2000: 1 hour talk show *Entre les lignes: Internet pour les aveugles, entendre les images*, hosted by M. Beguin.
27. 24 Heures, Ven. 2 juin 2000: *Un filigrane contre les pirates*, A. Pichard.
28. Tribune de Genève, Ven. 2 juin 2000: *Des Genevois inventent le copyright numérique*, A.-M. Brouet.
29. Swiss Television News, Telejournal, May 23, 2000: segment on the digital watermarking project.
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31. Le Matin, Sam. 6 mai 2000: *Le Net se lit avec les oreilles*, J.-M. Sandoz.
32. Tribune de Genève, Sam.- dim. 29-30 avril 2000: *Des genevois rendent le Web accessible aux aveugles*, A.-M. Brouet.
33. Swiss Television News, Telejournal, Nov. 23, 1999: segment on the Web sonification project.
34. Campus, Univ. of Geneva Magazine, 43, Oct.-Nov. 1999: *Sur Internet, des signatures invisibles protégeront vos images*, D. Christie.
35. Communication, J. Univ. Geneva, Nov. 1999: *Les aveugles sont branchés*.
36. Computerworld, 6, Feb. 1999, *Eigentum schuetzen mit Wasserzeichen*, A. Herrigel.

37. Technik Aktuel, Schweizerische Technische Zeitschrift, 3, 1998, *Elektronische Kommunikation: Digital vor Klau geschuetzt*, E. Heinzelmann.
38. T. Boysan, *L'Universit se branche sur Internet pour mieux orienter les collgiens*, Journal de Genve, 27 janvier 1995.
39. I. Chlebny, *Robotique: Opration patate!*, Journal de Genve, 8 oct. 1994, p. 27.
40. Technische Rundschau, 23 Apr. 1993, *Komplexe Visionsysteme fuer sehende Roboter: Das "Geneva Vision System"* der Uni Genf, E. Heinzelmann.

9. Course notes

1. T. Pun, *Introduction à l'informatique pour étudiants en biologie*, Second year students, Course notes (approx. 150 pages), Computer Science Department, Faculty of Sciences, University of Geneva, since 1989, Versions 1 (1989), 2 (1995), 3 (1997).
2. T. Pun, *Introduction à la robotique, Utilisation de senseurs visuels, Reconnaissance d'objets, Utilisation de la couleur, Problèmes d'échelle, Apprentissage et reconnaissance par mémoires associatives distribuées*, parts of the course *Cybernétique appliquée*, Fourth year students, with C. Pellegrini, Course notes, Computer Science Department, Faculty of Sciences, University of Geneva, since 1993.
3. T. Pun, J.-M. Bost, P.-Y. Burgi, P. Narbel, *Vision par ordinateur*, Fourth year students, Course notes, Computer Science Department, Faculty of Sciences, University of Geneva, 1989 to 1992.
4. T. Pun, *Les bases du traitement d'images*, Course notes given during the: Journées de traitement d'images, University of Geneva, October 1st and 2nd, 1987.
5. T. Pun, *Imagerie numérique: synthèse et analyse d'images*, Third and fourth year students, Course notes (approx. 800 pages), Computer Science Department, Faculty of Sciences, University of Geneva, since 1986 (3rd and 4th year).

10. Seminars, invited talks

1. T. Pun, "Affective computing and multimodal interaction: From BCI to aesthetics", Invited talk, Workshop: Affective Computing, a Multidisciplinary Challenge, LIRIS, Ecole Centrale de Lyon, France, November 12, 2015.
2. T. Pun, "Affective computing for human-human interaction: application to mediated remote cooperation", Invited talk, Feb. 12, 2014, Emotions Laboratory, Univ. of Ulm, Germany.
3. T. Pun, *Affective computing and multimodal interaction: Overview of activities*, Technicolor, Rennes, France, August 27th, 2012.
4. M. Soleymani and T. Pun, *Affective representation of movie scenes based on multimedia content analysis and user's physiological emotional responses*, and *Overview of research at the Computer Vision and Multimedia Laboratory, Multimodal Interaction Group*, Dec. 15, 2008, NEC Laboratories America, Cupertino, CA, USA. (Talks given by T. Pun)
5. S. Voloshynovskiy, O. Koval, T. Pun, *Product security and anticounterfeiting using mobile devices: art to protect*, U-NICA Group, Liechtenstein, Oct. 2008.
6. T. Pun, *Filigranage digital d'images*, Geneva University Hospital, Radiology Dpt. March 6, 2003.
7. T. Pun, *Stochastic digital image watermarking*, EPFL (Swiss Fed. Inst. Technology, Lausanne), ITS (Signal Processing Institute), March 6, 2002.
8. T. Pun, *Stochastic digital image watermarking*, CERN, Aleph Group, Geneva, August 29, 2001.
9. F. Deguillaume, S. Voloshynovskiy, S. Pereira, G. Csurka, J.O'Ruanaidh, T. Pun, *Digital watermarking for images and video*, SIS Course, Luzern, Switzerland, Jan. 28, 2000.
10. *Applications de l'informatique au multimédia: images jumelles, images sonores, images tatouées*, University of Geneva, Faculty of Sciences, Opening Day of the Academic year 1999-2000, Oct. 25, 1999.

11. *AB-Web: Active audio Internet browser for visually impaired and blind users*, Communication Systems Section, EPF-Lausanne, June 11, 1998.
Transmitted in parallel to: Zuercher Forschungskolloquium Multimediasysteme, Institut fuer Technische Informatik und Kommunikationsnetze, ETH-Zuerich.
12. *Structuration statistique de bases de données d'images pour systèmes de recherche basée sur le contenu*, Institut d'informatique, Université de Fribourg, Switzerland, January 20, 1997.
13. *Computer vision and multimedia information systems*, seminar given at: CITRI (Collaborative Information Technology Research Institute), Melbourne, Victoria, Australia, Thursday June 15, 1995.
14. *The Potato Operation: a robotic apparatus for the detection of potato diseases*, seminar given at:
Department of Computer Science, University of Melbourne, Victoria, Australia, Tuesday May 16th, 1995;
Department of Computer Science, Curtin Institute of Technology, Perth, Western Australia, June 2nd, 1995.
15. *Selecting relevant information and delaying irrelevant data for objects recognition*, seminar given at:
Electrotechnical Laboratory, Tsukuba Science City, Japan, July 07, 1994;
Institute of Industrial Science, University of Tokyo, Japan, July 08, 1994;
Department of Computer Science, University of Melbourne, Australia, July 13, 1994.
16. *Reconnaissance d'objets: asynchronisme, opportunisme et délais*, Institut Gallilée, CNRS, Univ. Paris-Nord, 25 avril 1994.
17. *Aspects perceptuels dans le développement d'un système de vision par ordinateur*, Séminaire de Psychobiologie, Faculté de Psychologie et des Sciences de l'Education, 10 mai 1993.
18. *La vision par ordinateur*, Colloque de Physique, Université de Genève, 8 mars 1993.
19. *Visual prosthesis for sight handicapped*, AI and Vision Group, University of Geneva, March 1st, 1993.
20. *Recherches en vision par ordinateur à l'université de Genève*, P.-Y. Burgi, R. Milanese, T. Pun, Université Pierre et Marie Curie, Dpt. des neurosciences de la vision, 23 novembre 1990.
21. *Vision par ordinateur*, Groupe genevois d'intelligence artificielle et sciences cognitives, Genève, mardi 5 juin 1990.
22. *L'image, sa synthèse et son traitement informatique*, in: Cours de dessin assisté par ordinateur, Centre E.A.O., Geneva, February 12-14th, 1990.
23. *Vision par ordinateur*, Computing Center Seminars, University Hospital, Geneva, December 14th, 1989.
24. *Activités en analyse d'images et vision au Centre universitaire d'informatique*, Demi-Journée d'Analyse d'Images de l'Université de Genève, 2 juin 1989.
25. *Morphologie mathématique ou Etude mathématique des formes*, Mathematics and Computing Science Seminars, University of Geneva, April 14th, 1989.
26. *Laboratoire Image: a workstation environment for teaching and research in image processing and analysis and computer graphics*, Second Polytechnic University, Shanghai, People's Republic of China, July 21st, 1988. Also presented at: Northwest University, Xian, Shaanxi, People's Republic of China, August 2nd, 1988.
27. T. Pun, *Présentation des notions de base de l'infographie*, during the course on: Conception assistée par ordinateur et logiciels graphiques, Training Center of the Personnel Office of the State of Geneva, CIDI-U Group, June 16, 1988.
28. *Le Laboratoire Image*, Centre Universitaire d'Informatique, University of Geneva, March 8, 1988.
29. *Augmentation de la résolution d'images de microscope par techniques corrélatives et analyse factorielle*, Centre Universitaire d'Informatique, University of Geneva, April 15, 1986.
30. *Analyse automatique d'images de gels électrophorétiques unidimensionnels*, Centre Universitaire d'Informatique, University of Geneva, January 28, 1986.
31. *Problèmes d'imagerie biomédicale aux National Institutes of Health*, et *Augmentation de la résolution d'images de microscope par techniques corrélatives et analyse factorielle*, Swiss Federal Institute of Technology, July 3, 1985.
32. *Automated computer analysis of 1D electrophoretic gels by image processing*, National Institutes of Health, Bethesda, MD, USA, September 11, 1984.
33. *Statistical problems in electron energy loss imaging*, Bell Laboratories, Holmdell, NJ, USA, June 2, 1983.

34. *Statistics of edge areas in quantitative EELS imaging*, National Institutes of Health, Bethesda, MD, USA, May 18, 1983.
35. *Traitemet d'images pour prothèse visuelle*, Fac. Psych. et des Sciences de l'Education, University of Geneva, March 1st, 1982.
36. *Image processing for visual prosthesis*, Concordia University, September 3, 1981.