

Curriculum Vitae

Name of Firm:	Effin'Art
Name of Staff:	JABOYEDOFF Pierre
Profession:	Master Degree in Mechanical Engineering, specialised in thermal engineering (EPFL, Swiss Federal Institute for Technology Lausanne) Associate, Partner of the company
Date of Birth:	8th April, 1957
Years with Firm/Entity:	Since March 2014 partner at Effin'Art, Lausanne
Nationality:	Swiss
Detailed Tasks Assigned:	Energy efficiency and Demand Side Management, Renewable energy

Key Qualifications

- 35 years experience in energy and environment sector as R&D, project engineer and team leader in Switzerland and abroad
- In charge of complete project cycles in large industries (e.g. Holderbank (now Holcime Lafarge) Cement Group, high performance Rolex factory design in Switzerland, Givaudan audit of the head office and industrial site near Geneva) from concept studies to commissioning and operation
- In charge of assisting the Nestlé group in Switzerland to prepare their strategies for the climate convention (CO2 emissions) with the swiss government (EnAW)
- Teamwork in various cultural environment (India, International Energy Agency)
- Developing and teaching to professional for the Swiss Energy 2000 Programme Industry Sector (development of courses and teaching in cooling, ventilation, compressed air) and for the Swiss Energy Agency, teaching regularly in professional training programmes for specialists in energy
- Long experience in development of simulation models and in the use of dynamic simulation of thermal energy systems with focus on high cooling performance (TRNSYS, EnergyPlus etc..)
- CFD modelling with sophisticated 3D Computational Fluid Dynamic applied to building and industrial processes (Mentor Graphics, Flovent, A Siemens Business)
- Applied R&D experience in the field of renewable and energy efficiency for the building and industry
- Building and industry energy audits and optimisations
- Research, sourcing and management of technical consultants in Europe and India, management of competence pooling for energy efficient and technologically optimal solution development

Education

1985->	Continuous in house training by learning, using and developing simulation tools, projects
1983 - 1985	Following courses and seminars at the Institute of University Development Studies (IUED) Geneva (Social anthropology, Development Economy, Political Sciences, Seminars on Development Co-operation, Ecology of development, Micro rural credit, technology transfer)
1976 - 1980	Swiss Federal Institute for Technology Lausanne (1976-1980), Department of Mechanical Engineering, specialised in thermal engineering, diploma work on solar irrigation pump (Diploma recognised as equivalent to a Master Degree)
1975 - 1976	Special Mathematical course at Swiss Federal Institute for Technology Lausanne (1975-1976)
1974- 1975	Trainee mechanics in an automobile workshop
1972 - 1974	Higher secondary school, Vevey
1968 - 1972	Secondary school, Bex

Languages:

	speaking	reading	writing
French (mother tongue)	excellent	excellent	excellent
English	very good	excellent	very good
German	good	good	good
Hindi/Gujarati	basics	-	-

Country Experience:

1981-1983	Residence for 2 yrs in India
1982 to date	Total of more than 4 yrs in India for consultancy in energy
1982 to date	Important network of contacts for local consultancy and institutions, as well as policy dialogue
1982 to date	Numerous experiences in the development of energy and environment friendly technologies for the small scale industries in the Indian environment with local partners Different activities in relation to the energy efficiency in buildings (Participation to the development of TERI Green Building Rating GRIHA)
2009	In charge of the development of a joint programme between the Swiss and Indian Governments for energy efficiency in large commercial and residential buildings through design charrette and design guidelines for residential buildings
2011	Beginning of the BEEP project, Director of the Swiss Project Management Technical Unit

Representing Switzerland in numerous International Energy Agency Research Projects
Various projects in France

Employment Record:

03/2014 to date	Founding partner of the consulting company Effin'Art
11/1984 to 2/2014	Partner, member of the Board, research and development engineer in policy, global energy concepts, economic analysis, environmental impacts, technology SORANE SA since 1985. Main activities: research, development, and consultancy (development and transfer technology) on renewable energy (mainly solar energy), and energy audits, energy conservation in building and industry through a systemic approach using dynamic simulation tools and techno-economic financial models. Partner of the company since 1990.
1983 - 1984	Researcher at Laboratorium for Energiesysteme of the Swiss Federal Institute for Technology, Zurich, (supervisor: Prof. P. Suter), within the framework of the MANTO project (Chancen und Risiken der Telekommunikation für Verkehr und Siedlung in der Schweiz), on the topic "Global present energy consumption in four fields liable to be affected by new means of telecommunications (1983-1984)". Special focus on energy strategies for building energy in various cities of Switzerland
1981 - 1983	Swiss Expert for the Swiss Development Cooperation (SDC) in Bhavnagar, INDIA, (Gujarat State) in a project of research and development and development of solar thermal irrigation pumps (1982-1983), project leader in a Council for Scientific and Industrial Research Institute.
1981 - 1981	Research assistant at the Swiss Federal Institute for Technology (Development of high vacuum solar thermal collectors)

Specific activities

Publications and research projects

(<http://www.worldcat.org/identities/lccn-no99049802/>)

(https://www.researchgate.net/profile/Pierre_Jaboyedoff2

2020	ENERGY EFFICIENCY IN HVAC SYSTEM: CASE STUDY OF A HOSPITAL BUILDING COMPARING PREDICTED AND ACTUAL PERFORMANCE AND SHOWING IMPROVEMENTS THROUGH PERFORMANCE MONITORING
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- Prashant Kumar Bhanware¹, Pierre Jaboyedoff², Shirish Deshpande³, Neelesh Shinde⁴ ¹Indo-Swiss Building Energy Efficiency Project (BEEP)New Delhi, Indiaprashant@gkspl.in ²Indo-Swiss Building Energy Efficiency Project (BEEP)Lausanne, Switzerlandpierre.jaboyedoff@effinart.ch ³Energetic Consulting Pvt. Ltd. (ECPL)Thane, Indiashirish.d@ecpl.co.in ⁴Jupiter HospitalPune, Indianeesh.shinde@jupiterhospital.com
- 2020 A CASE STUDY ON DESIGN OF THERMALLY COMFORTABLE AFFORDABLE HOUSING IN COMPOSITE CLIMATE: SIMULATION RESULTS & MONITORED PERFORMANCE Saswati Chetia¹, Sameer Maithel¹, Pierre Jaboyedoff¹, Ashok Lall¹, Prashant Bhanware¹, Akshat Gupta¹ ¹Indo-Swiss Building Energy Efficiency Project (BEEP)New Delhi, Indiasaswati@gkspl.in
- 2019 Improving the resilience in urban environment by applied research for the development of a simple equation-based Energy Conservation Building Code for India, November 2019, Journal of Physics Conference, Series 1343:012185, DOI: 10.1088/1742-6596/1343/1/012185, Indo-Swiss Building Energy Efficiency Project (BEEP), Perre Jaboyedoff, Effinart, Sameer Maithel, Greentech Knowledge Solutions Pvt Ltd and alt.
- 2017 CASE STUDY OF AN ENERGY EFFICIENT COMMERCIAL BUILDING: VALIDATING DESIGN INTENT & ENERGY SIMULATION RESULTS WITH MONITORED PERFORMANCE DATA, Prashant Bhanware, Indo-Swiss Building Energy Efficiency Project (BEEP), India Pierre Jaboyedoff, BEEP, SwitzerlandSaswati Chetia, BEEP, India Sameer Maithel, BEEP, India Bharath Reddy, BEEP, India
- 2017 ENERGY EFFICIENT BUILDING ENVELOPE & VENTILATION STRATEGIES FOR MULTI-STOREY RESIDENTIAL BUILDINGS IN INDIA, Conference Paper, Dec 2017, Sameer Maithel, Pierre Jaboyedoff, Ashok Lall[...], Bharath Reddy
- 2012-to-2017 Member of the board of the Switzerland IBPSA (International Building Performance Association)
- 2001 POLLUTION AND ENERGY IN AIR HANDLING UNITS SOME RESULTS OF THE AIRLESSEUROPEAN PROJECT
Roulet, C.-A.¹; Jaboyedoff, P ², Dorer, V³., Weber, A.³, Pfeiffer, A.³; Bluysen P. M.⁴, ¹ LESO-PB, EPFL, Lausanne, Switzerland, ² Sorane SA, Lausanne , Switzerland, ³ EMPA abt. 175, Dübendorf, Switzerland, ⁴ TNO Bouw, Delft, the Netherlands, CISBAT 2001, LausanneCISBAT 2001, Lausanne, EPFL, pp 127-132
- 1999-2004 AIRLESS European Project, energy simulations in partnership with EPFL and EMPA, under mandate from the Swiss Federal Office for Energy (<https://www.deepdyve.com/lp/elsevier/energy-in-air-handling-units-results-of-the-airless-european-project-1CUcERtQzG>)
- 1998-2003 IEA 23 Representing Switzerland, Subtask leader (Design process guidelines development), mandated by the Swiss Federal Office for

- Energy, in the IEA Solar Heating and Cooling Programme, Annexe 23, Optimisation of solar energy use in large non residential buildings, (Development of Design process Guidelines, Switzerland, Pierre Jaboyedoff, Sub Task B Leader) (<http://task23.iea-shc.org/participants>)
- 1994 Van der Maas, J., Florentzou, F, Rodriguez, J.A. and Jaboyedoff, J., 1994. Passive cooling by night ventilation. Proc. European Conference on Energy Performance and Indoor Climate in Buildings, Vol.2, pp646-651, 24-26 Nov., LYON, France.
- 1992-1995 Participated with EPFL-LESO as sub-contractor to part of the the European Pascool project (http://cordis.europa.eu/project/rcn/4746_en.html)
- 1990-95 IEA21 Representing Switzerland, mandated by the Swiss Federal Office for Energy, in the IEA Energy Efficiency Programme, Annex 21, Subtask B, Appropriate use of simulation programs in the building industry in collaboration with EMPA, Gerhard Zweifel (<http://www.iea-ebc.org/projects/project?AnnexID=21>)
- 1985-89 IEA 13 Representing Switzerland, mandated by the Swiss Federal Office for Energy, in the IEA Energy Efficiency Programme Annex 13, Energy Management in Hospitals (<http://www.iea-ebc.org/projects/project?AnnexID=13>)
- 1985-89 IEA VII Representing Switzerland, mandated by the Swiss Federal Office for Energy, in the IEA Solar Heating and Cooling Programme, Annexe VII, Central Solar Heating Plants with Seasonal Storage (<http://task07.iea-shc.org/>)
- 1987-1990 Development of design guidelines for thermal solar installations for the Swiss Association of Professional of the Solar Energy Branch (SOFAS), with development and validation of detailed simulation programs (TRNSYS) (<https://www.worldcat.org/title/kombinierte-solaranlagen-zur-wassererwarming-und-raumheizung-synthese-planungsempfehlungen/oclc/715970309>)

Some other publications

- (<http://www.worldcat.org/identities/lccn-no99049802/>)
(https://www.researchgate.net/profile/Pierre_Jaboyedoff2)

Some relevant projects (practice and research)

- 2016-2019 Participant to the newly approved European Project Wall-ACE of the call EEB-01-2016, TOPIC : Highly efficient insulation materials with improved properties for thermal engineering (<https://www.wall-ace.eu/>, <https://www.wall-ace.eu/partners>)
- 2013 Analysis of the district heating of EPFL, changes in the control to solve instability problems
- 2011-To date Swiss PMTU Director for the BEEP project (<https://www.beepindia.org/our-team/>)
- 2007-To date Consultant for the energy and control design for a large watch manufacturing company in Bienne, Switzerland, largest area for an industrial Minergie labelled building (BE-2214), high performance cooling plant with magnetic bearing chillers

https://www.minergie.ch/fr/btiments/?zip_place=Bienne&canton=4&country=&street_nr=&qid=be-2214&participator=&typeofuse=&constructiontype=&year=&sortby=date_asc&numres=12)

- 2010-2013 Nouvelles Archives du Rhone (high energy performance), in charge of concept studies for thermal and aeraulic advanced systems, Etudes thermique et aéraulique : Sorane (partner at Sorane then)
<https://www.lemoniteur.fr/article/un-ecrin-dore-pour-les-archives-departementales-du-rhone.1435164>
- 2007-2010 Archives du Nord, first positive energy in public market process building, in charge of the concept of an advanced energy system concept (dynamic simulation, CFd concept), then selection of the award for the enterprise, follow-up
<https://www.lemoniteur.fr/article/un-batiment-experimental-a-energie-positive-pour-les-archives-du-nord.743994>
- 2006-2010 Rolex Learning Center, EPFL, energy concept design, natural ventilation CFD analysis and control algorithms for motorised openings, radiant cooling, controls (<https://www.e-architect.com/switzerland/rolex-learning-center-building>)
- 2007-2008 Design, execution follow-up, control algorithms, commissioning of a new multi-chiller ammonia cooling plant (4.8 MW) for the Nestlé data center near Lausanne) electrical energy consumption reduced by 50%
- 2003-2007 Moderator for the Nestlé Group (12 sites) for the Swiss Energy Agency (EnAW) for the preparation of the CO2 agreements with the Swiss Government
- 2000-To date Numerous energy audits in buildings, building clusters, industries (e.g. CHUV (State of Vaud University hospital), Givaudan, International Airport Geneva , SIG (Geneva gas, electricity and water utilities building complex)))
- 2000 Mandate for the selection of new multi-chillers cooling plant (10 MW capacity) for the CHUV (State of Vaud University Hospital). Hourly dynamic analysis of the demand and comparison of the COP of the control of the cascade of different chillers brand and type.
- 1999-2005 Mandated by Nestlé to audit, optimise, redesign the technical installations of the Nestlé Research Center (CRN Nestlé) near by Lausanne in Switzerland (reduction of 56% of the gas consumption by change of controls, light retrofits)
Re-design of the cooling plant with ammonia chillers, reduction of cooling electrical consumption by more than 45 %
- 1991-98 Concept, design, supervision of construction, commissioning of the largest solar thermal installation with seasonal storage in Switzerland (Bundesamt für Statistik, Neuchatel)
- 1991-96 Leader of the project CADCIME (from feasibility studies to commissioning of the integration in the process of a 10 MW heat recovery in a large cement kiln of the Holderbank Group (today Lafarge-Holcime) to supply heat to a new district heating network

1985 to date Numerous assignments in energy and environmental related audits, concept studies, project supervision in building and industries in Switzerland, with the regular use of sophisticated simulation tools.

National programmes

1999-2000 Swiss Energy 2000 Programme Industry Sector: mandated for the development of courses (mandated for the concept, development, writing, and teaching of training modules for the ENERGY 2000 Programme Industry Sector in Switzerland (General Energy Management, Compressed Air Systems, HVAC, Cooling, Heat processes, Electricity))

1992-2000 Development of a methodology for the audit and retrofit for the Swiss hospitals stock for Switzerland under the ENERGIE 2000 programme, actual implementation, assessment of job creation in this frame

1991-1993 Participation to the strategic audit of the energy consumption of the Swiss Buildings Stocks, and development of a mid-term energy solutions (Energy 2000, initial phase of strategic orientations)

Policy level

1998-2000 Participation in the project “Harmonisierung kantonaler Energievorschriften” (Coordination of energy codes in Swiss States), this project served to the development of the MoPEC- Modèle de prescriptions énergétiques des cantons (Harmonisierung kantonaler Energievorschriften im Baubereich, Schlussbericht, Institution: Intep AG, Zürich, Frauenfelder Support, Sorane SA, Lausanne, Erschienen: 01.11.1999,

1998-1999 Mandated by the Swiss Federal Office For Energy to perform in consortium with other Swiss partners a study of potential scope for harmonisation of Swiss Energy Building Standards, with a comparison on international level (Harmonisierung)

ESCO and performance contracting

1997 to date Development and performance of various energy audits and optimisation on the basis of performance contracting (e.g. Swiss Control, Geneva)

Teaching, conferences

2018 SIMUREX 2018 scientific school of CNRS (lecture on Research and Practice)

2011 -> to date Numerous conference, training programmes, development of training material in the frame of the BEEP Project in India (<https://www.beepindia.org/participate/events/>)

2008-2009-2010 One day course on natural ventilation for practitioners architects, Architectural School of Rouen, under the programme of the sustainable training from the Ecole d'Architecture Paris La Villette (<http://www.ekopolis.fr/sites/default/files/Gestion-air-eau-vegetal.pdf>)

2002-2010	Development of an interactive environment and teaching of energy efficiency for compressed air, ventilation, cooling, and steam system in industry for the Swiss Energy Agency Various conferences for specialists in energy efficiency in building
1999-2000	In charge of developing and teaching the courses of the Swiss National Programme Energy 2000 Industry Sector
1985-to-1990	Teaching of various subject in the frame of continuous education like IMPULS programme (Continuous Professional Training)
1998	Lecture at Geneva University on technology transfer in the domain of energy efficient small-scale industries
1997	Seminar on technology transfer in the domain of energy efficient small-scale industries at the Institute for University Development Studies, Geneva

Activities related to international organisations

In early 2020, Pierre Jaboyedoff has been asked to become an advisor to the Cooling for All participating also to the SEforALL Global Panel on Access to Cooling (group of leaders from business, philanthropy, policy and academia who work together to guide the work of the Cooling for All Secretariat, hosted at SEforALL). <https://www.seforall.org/cooling-for-all/cooling-for-all-secretariat/cooling-for-all-global-panel> (see under Cooling for All Advisors), <https://www.seforall.org/people/pierre-jaboyedoff>

Technology development

2011 to date	Various work on technology development for the building industry in India (external movable shading design competition with BEEP) (https://www.beepindia.org/technologies-n-tools/emsys/) and Switzerland (concept, design, prototyping, demonstration of special dedicated cooling equipment for watch industry machines)
2008 to 2017	In charge of assisting the Swiss Agency for Development and Cooperation for the development of prototype, testing and commercial plant for small scale power 100% biomass gasifier (TERI and Danish Technical University)
2008 to 2010	In charge of the development of the new cooperation programme between Switzerland and India (Bureau of Energy Efficiency) in energy efficiency in buildings, contribution to the preparation of the SDC special event in DSDS 2008 Delhi, Energy Efficient Buildings – Today and Tomorrow (http://wsds.teriin.org/2008/specialevents.htm)
1995 to 2005	Backstopper (resource person since 2004) for the development and testing of technology upgradation in the domain of foundry (pilot plant saving 40-60 % on energy inputs against conventional solution), glass (pilot plant saving 57% against conventional solution), brick (assistance in the adaptation of a Chinese technology to India), (Towards cleaner technologies: A Process story in Small-Scale Foundries, http://bookstore.teri.res.in/books/9788179930892 , Towards Cleaner Technologies: A process story in the Firozabad glass industry cluster, http://bookstore.teri.res.in/books/9788179931332)

1994 to 2017	Consultant for the development of a thermal gasifier for the silk industry in India, assisting a team of Indian scientists and engineers in the concept, laboratory testing, field testing and system development up to the commercial level (5 generations of successive systems, achieving 65 % savings on biomass use), (“Towards Cleaner Technologies: a process story on biomass gasifiers for heat applications in small and micro enterprises, TERI”)
1993-1995	“Backstopper” for the energy audits of small-scale energy intensive industries (foundry, glass, brick, silk industries) by Indian partners
1983-1984	Development of a thermal solar irrigation pump in India, leading the work in a team of Indian scientists and engineers (Development of a solar (thermal) water pump prototype—An Indo-Swiss experience Author: V.V.N.Kishore† M.R.Gandhi N.Pathak S.D.GomkaleK. S.Rao‡ P.Jaboyedoff W.Lehmann Ch.Marquis, https://doi.org/10.1016/0038-092X(86)90141-6)

Project management

1993 to date	Assisting the Swiss Agency for Development and Co-operation for the new programme of Energy & Environment in India, and more recently the development of an energy efficiency programme for buildings in India
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Programme & Project design, monitoring

1993-1996	Assisting the Swiss Agency for Development and Co-operation for the concept and design of its new Programme of Energy & Environment in India
1996	Designing, setting-up of a team and leading the bilateral evaluation of the World Bank GEF pilot project Solar Photovoltaic Market Development (IREDA India), focusing on rural photovoltaic electrification
1996 to date	Mandated in a consortium jointly by the Swiss Agency for Development and Co-operation and the Swiss Federal Office for Environment to review the GEF Climate change projects proposal to prepare the Swiss Delegation intervention in the GEF Council
1992-1998	Representing Switzerland in the World Bank Team designing and monitoring the World Bank GEF pilot project Solar Photovoltaic Market Development (IREDA India)

Publications, Conferences

2020	mention on the web site of https://aeee.in/our_speakers/pierre-jaboyedoff/
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- 2019 Improving the resilience in urban environment by applied research for the development of a simple equation-based Energy Conservation Building Code for India To cite this article: Pierre Jaboyedoff et al 2019 *J. Phys.: Conf. Ser.* 1343 012185
- 2017
- 2016 may 4th Tech4Dev EPFL: Pierre Jaboyedoff, EffinArt, Switzerland, Technologies for Energy-Efficient Residential Buildings in Cities in Tropical Climates of Developing Countries. The Case of India (<http://cooperation.epfl.ch/2016Tech4Dev/Program/Sessions/DAY3/S E15-HAB>)
- 2013 Technologies for Sustainable Development: A Way to Reduce Poverty? publié par Jean-Claude Bolay, Silvia Hostettler, Eileen Hazboun, Chapter 16, integrated design charrettes for sustainable development in India's soaring building sector (Pierre Jaboyedoff, Sameer Maithel and alt.), Springer International Publishing, 2014 https://books.google.fr/books?id= au9BAAAQBAJ&pg=PA184&lpg=PA184&dq=maithel+jaboyedoff+beep&source=bl&ots=fNiodH15yO&sig=Bj8HR9f5UsJ9eW - ki_uLshemss&hl=fr&sa=X&ved=0ahUKEwi5v6TYkMLMAhXKVRQKH a4LBiAQ6AEINTAD#v=onepage&q=maithel%20jaboyedoff%20beep &f=false
- 2012 Tech4Dev: Biomass based Gasifier for Sustainable Rural Energy in India (Pierre Jaboyedoff, Ulrik Birk Henriksen, Jesper Ahrenfeldt, Sunil Dhingra, Mohit Pushp)
- 2010 Technik nach Mass, Gebäudetechnik des Learning Center de EPFL, (Rolf Moser, Pierre Jaboyedoff), TEC21 26/2010, Persistenter Link: <http://dx.doi.org/10.5169/seals-109630>
- 2010 Architecture et efficacité énergétique, comment atteindre des hautes performances énergétiques avec une architecture très expressive (Architecture and energy efficiency, how to reach high energy performances with a very expressive architecture), Imagina, Monaco, 3-5 February 2010, The European 3D Simulation and Visualisation event
- 2009 Apport de la modélisation dans l'optimisation des performances énergétiques des bâtiments, Université d'été de l'environnement, 30 septembre, 1er octobre 2009, Lyon
- 2008 Intervention dans le panel de la Journée nationale de l'éco-construction, Chambéry, Savoie Technolac, 29 avril 2008
- 2007 Towards Cleaner Technologies, A process story on biomass gasifiers for heat applications in small and micro enterprises (Editors Sanjay Mande, V V N Kishore, Narrator R P Subramanian, Series Editors Girish Sethi Pierre Jaboyedoff Veena Joshi) TERI (CoSmiLE) with SDC support
- 2006 Ecole Polytechnique Fédérale de Lausanne, Learning Center, Concept énergétique, Simulations ventilation naturelle, Simulations

- incendie, désenfumage, P. Jaboyedoff, Journée Flovent, 5 Octobre 06, Paris
- 2006 CHUV: d'Énergie 2000 à Energho, Méthodes, Actions et résultats d'économies d'énergie, P. Jaboyedoff, energho Tagung, Zurich 15th sept. 06
- 2006 Towards Cleaner Technologies, Interventions in Small and Micro Enterprises, The Indian Foundry Industry: a process story, Prosanto Pal R P Subramanian, Editors: Veena Joshi, Pierre Jayboyedoff, Girish Sethi
- 2005 Sustainable Buildings, European perspective, P. Jaboyedoff, Sustainable habitats: A way to the future, Organised by TERI, New Delhi, 4th January 2005
- 2005 Environmental and Social Life Cycle Assessment, Accounting social impact in life cycle assessment: the case study of Firozabad glass industry in India, Bastien Roquier and Olivier Jolliet, Ecole Polytechnique Fédérale de Lausanne, Life Cycle Systems, EPFL-GECOS, station 2 CH-1015 Lausanne (bastien.roquier@epfl.ch, olivier.jolliet@epfl.ch), In interaction with : Pierre Jaboyedoff, Sorane SA (pierre.jaboyedoff@sorane.ch) , Girish Sethi and Sameer Maithel, TERI (girishs@teri.res.in, sameerm@teri.res.in), Jean-Bernard Dubois, SDC (Jean-Bernard.Dubois@deza.admin.ch)
- 2005 ENERGY EFFICIENCY AT THE NESTLÉ RESEARCH CENTER, VERS-CHEZ-LESBLANC, A GLOBAL APPROACH, P.Jaboyedoff 1, B. Bonjour, CISBAT 2005
- 2004 Energy in air-handling units—results of the AIRLESS European Project, P. Jaboyedoff and alt., Energy and Buildings 36 (2004) 391–399
- 2003 Refroidissement solaire par dessiccation, modélisation par simulation dynamique et application à des études de cas concrets, P. Jaboyedoff - D. Aiulfi, CISBAT 2003
- 2002 Geoser : stockage solaire à court terme en serres horticoles Auteurs Hollmuller, Pierre, Lachal, Bernard Marie, Jaboyedoff, Pierre Reist, Antoine, Gil, Javier, Danloy, Luc, Année 2002, URL stable <http://archive-ouverte.unige.ch/unige:22622>
- 2002 Löhnert, G., Schuler, M., Sutter, W., Jaboyedoff, P., and Larsson, N., "Integrated Design Process (IDP) Guideline and Navigator", Sustainable Building 2002, Oslo, Norway, 2002.
- 2001 Löhnert, G. and Jaboyedoff, P., Guiding Tools – Guidelines on Integral Planning, (in German) Proceedings of the Intelligent Building Design Symposium, Stuttgart, Germany, 2001.
- 2001 Hestnes, A.G., Esbensen, T., Jaboyedoff, P., Balcomb, J.D., and Poel, B., IEA Task 23: Optimization of Solar Energy Use in Large Buildings, Proceedings of ISES Solar World Congress, Adelaide, Australia, 2001.
- 2001 OFFICE FEDERAL DE LA STATISTIQUE A NEUCHATEL NOUVEAU BATIMENT, MISE EN SERVICE ET OPTIMISATION EN EXPLOITATION REELLE, RESULTATS ENERGETIQUES, CONCEPTION DE LA NOUVELLE TOUR, P. Jaboyedoff, Dario Aiulfi, Daniel Blicklé Calorie SA, Management technique du Bâtiment, OFS, CISBAT 2001

- 2001 POLLUTION AND ENERGY IN AIR HANDLING UNITS, SOME RESULTS OF THE AIRLESS EUROPEAN PROJECT, Roulet, C.-A.; Jaboyedoff, P, Dorer, V, Weber, A, Pfeiffer, A.; Bluysen P., CISBAT 2001
- 2001 TÂCHE 23 DU PROGRAMME SOLAR HEATING AND COOLING DE L'AGENCE INTERNATIONALE DE L'ENERGIE, INTITULÉE, „THE OPTIMISATION OF SOLAR ENERGY USE IN LARGE NON RESIDENTIAL BUILDINGS“, RESULTATS DES TRAVAUX APPLICABLES AUX PROCESSUS DE DESIGN DES GRANDS BATIMENTS SOLAIRES NON RESIDENTIELS, P.Jaboyedoff and alt., CISBAT 2001
- 1999-2000 6 Modules of courses for the Energy 2000 Industry sector (in French)
- 1999 Harmonisierung kantonaler Energievorschriften im Baubereich : Schlussbericht. Auteur : Sven Frauenfelder; Pierre Jaboyedoff; A Baumgartner; Suisse. Office fédéral de l'énergie.; Frauenfelder Support (Frauenfeld), Éditeur : Bern : Bundesamt für Energie : Vertrieb: BBL/EDMZ, 1999.
- 1999 Asia Foundry conference Dugar S C, Pal P, Bhattacharjee S, Brown M, Jaboyedoff P, Bandopadyay D., 1999, Energy efficiency improvement and pollution reduction in a small-scale foundry unit in India: results of a fullscale demonstration plant In Chakraborti A K (ed.). Proceedings of the Sixth Asian Foundry Congress. Calcutta: The Institute of Indian Foundrymen. 347 pp
- 1998 From international conventions and commitments to actual implementation, the case of small scale industry in India, Presented at the International, Seminar India and the World: stakes and prospects for a sustainable energy system, 8 & 9 June 1998, Genève, P. Jaboyedoff, SORANE SA
- 1997 Commercialisation of renewable energy systems: analysis of some barriers and proposed solutions for sustainable market growth of renewable energy technologies, P. Jaboyedoff, SORANE SA, UNDP Workshop, September 1997, New Delhi, India
- 1996 Pascool, a European Project on Passive Cooling of Buildings, Van der Maas J., Roulet C-A., Weber W., Lachal B., Jaboyedoff P., Energie Forschung im Hochbau, Zurich, p. 319
- 1994 Rénovation de bâtiments complexes assistés par simulation dynamique (in english "Simulation assisted retrofit of complex buildings"), Jaboyedoff P., Prudhomme C., Sorane SA, Energie Forschung im Hochbau, Zurich, p. 507
- 1994 Energy audit and retrofit analysis of administrative buildings with the help of dynamic simulation tools, methodological aspects and case study, Jaboyedoff P., Prudhomme C., Sorane SA, BEP conference 1994, University of York, UK, 6-8 april 94, p.311
- 1993 Manual of energy management in Hospitals (in French), audit and optimisation
- 1993 Geoser: Stockage de chaleur à court terme dans les serres de culture (in english "Short term heat storage in greenhouses"), Lachal B, Jaboyedoff P. and alt., CISBAT conference 1993, p.167
- 1993 Centrales solaires de chauffage avec stockage saisonnier de chaleur, les apports de la collaboration internationale (in english "Central solar

- heating plants with seasonal storage, benefits from international collaboration"), Jaboyedoff P., Chuard P., Chuard D., Sorane SA, CISBAT conference 1993, p.161
- 1993 Modélisation des grands espaces vitrés: Atria (in english Atria, modelisation of large glazed spaces"), Jaboyedoff P., Chuard D., Aiulfi D., Sorane SA, CISBAT conference 1993, p.111
- 1993 Une utilisation appropriée des programmes de simulation dynamique du bâtiment (in english "Appropriate use of dynamic building simulation tools"), Jaboyedoff P., Zweifel G., Sorane SA, CISBAT conference 1993, p.57
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