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Age: 55
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PROFESSIONAL ACTIVITIES

Academic positions

- 2011-... Senior research fellow at Centre National de la Recherche Scientifique (Aix-Marseille School of Economics UMR 7316).
- 1996-2018 Member of the Institute of Public Economics (IDEP).
- 1994-2011 Research Fellow, CNRS, GREQAM.
- 1993-1994 Supply teacher of Economics, Université Libre de Bruxelles.
- 1990-1992 Supply teacher of Economics, University Aix-Marseille III.
- 1989-1992 National Doctoral Dissertation Fellowship.

Education and degrees

- 2008 Habilitation à diriger les recherches (HDR) Université de la Méditerranée, Marseilles, France. Jury: R. Davidson, C. Donaldson, B. Dormont, P.-Y. Geoffard, J.-P. Moatti, J. Shogren and A. Trannoy (supervisor).
- 1993 PhD in Economics, Ecole des Hautes Etudes en Sciences Sociales, Paris, France, with highest honors. Thesis « Apports de l'économétrie à l'étude des champs culturels: applications au marché des oeuvres d'art et à la demande télévisuelle » Jury: R. Davidson, V. Ginsburgh, L.-A. Gérard-Varet (supervisor), A. Kirman, P.-M. Menger, M. Slade.
- 1989 M.A. in Mathematical Economics and Econometrics, Aix-Marseille III University, France, with high honours.

Current Academic and Editorial Responsibilities

- 2019-... Associate editor for Environment and Development Economics.
- 2016-18 Co-Responsible of the Department Environment at the Institute of Public Economics (Institut d'Economie Publique, IDEP).
- 2015-... On the editorial council for Revue Française d'Economie.
- 2014-... On the editorial council for French Association of Environmental and Resource Economics.
- 2012-20 Co-responsible of the Department Axe Human-environmental interaction: perception, adaptation and mitigation, Labex OT-Med.

Awards and Affiliations

- 2022-25 Senior fellow of the Centre for Unframed Thinking, Rennes School of Business.
- 2014-17 Grant for academic excellence (prime d'encadrement doctoral et de recherche)
- 2013 -... Research Fellow of the SFI (Danish National Centre for Social Research)

Reviewing (initial: 98, about 113 with revisions) for

American Economic Review, Annales d'Economie et Statistique, Applied Economics Letters, Atmospheric Environment, Atmospheric Pollution Research, Bankers, Markets & Investors, Biotechnologie, Agronomie, Société et Environnement, British Medical Journal Open, Bulletin of Economic Research, Cahiers Economiques de Bruxelles, Cahiers Scientifiques du transport, Canadian Journal of Economics, Eastern Economic Review, Ecological Economics, Economics Bulletin, Economie et Prévision, Economie et Statistique, Economie Publique, Economie Rurale, Empirical Economics, Environment and Development Economics, Environment International, Environmental and Resource Economics, Environmental Research, Environnement, Risques et Santé, European Journal of Operational Research, European Physical Journal B, Finance, Health Economics, International Journal of Environmental Research and Public Health, International Journal of Health Policy and Management, Journal of Choice Modelling, Journal of Cultural Economics, Journal of Environmental Economics and Policy, Journal of Environmental Management, Journal of Integrative Environmental Sciences, Louvain Economic Review, Management International, Pollution atmosphérique, Région et Développement, Resource and Energy Economics, Review of Agricultural, Food and Environmental Studies, Reviste Estudos de Economic, Review of International Economics, Revue d'Economie Politique, Revue Economique, Revue Française d'Economie, Science of the Total Environment, Social Science and Medicine, Southern Economic Review, Vaccine, Value in Health.

Reviewing of submissions to public bodies research programs and conferences

ADEME, AFSSE, ANR, CEREMA, ECCOREV, FAERE, IMERA, INSERM, IReSP, OHM, OT-Med, PREDIT, PRIMEQUAL, Santé-Environnement, Union World Conference on Lung Health.

Conference organization

- 2019 Co-organizer of the session poster of the conference « What kind of environmental transition for the Mediterranean region? », Marseille.
- 2018-9 Co-organizer of the workshop on non-market valuation (WONV7), Marseille.
- 2014 Co-organizer of the workshop on non-market valuation (WONV2), Aix-en-Provence.
- 2008 Member of the organization committee of the conference "Inference and Tests in Econometrics – A Tribute to Russell Davidson", Marseille.
- 2007 Co-organizer of the workshop "Les coûts environnementaux des transports: quels usages dans le cadre de politiques de mobilité durable" Arche de la Défense, Paris.
- 2006 Co-organizer of the workshop of the "Journées doctorales de l'ADRES", Marseille.
- 2003 Co-organizer of the First Workshop on recent issues on contingent valuation surveys, Marseille.
- 2002 Organizer of the workshop "Aspects méthodologiques de l'évaluation économique dans la décision publique", Marseille.

Committees

Conferences

- 2021-2 Member of the Scientific Committee of the Public Economics conference "21^{èmes} journées Gérard-Varet", Marseille.
- 2020-1 Member of the Scientific Committee of the Public Economics conference "20^{èmes} journées Gérard-Varet", Marseille.
- 2019 Member of the Scientific Committee of the conference « What kind of environmental transition for the Mediterranean region? », Marseille.

- 2018-9 Membre du conseil scientifique des 18^{èmes} journées Gérard-Varet, Aix-en-Provence.
- 2018 Member of the Scientific Committee of the Fifth Annual conference of the French Association of Environmental and Resource Economics, Aix-en-Provence.
- 2018 Member of the Scientific Committee of the Public Economics conference «17th Journées Louis-André Gérard-Varet», Aix-en-Provence.
- 2017 Member of the Scientific Committee of the Public Economics conference «16th Journées Louis-André Gérard-Varet», Aix-en-Provence.
- 2017 Member of the Scientific Committee of the 8th National Conference of the French Society for Health and Environment (SFSE), Strasbourg
- 2016 Member of the Scientific Committee of the Final DYNIPER conference, Marseille.
- 2016 Member of the Scientific Committee of the Public Economics conference «15th Journées Louis-André Gérard-Varet», Aix-en-Provence.
- 2016 Member of the Scientific Committee of the 4th workshop on non-market valuation (WONV4), Bordeaux.
- 2016 Member of the Scientific Committee of the 7th National Conference of the French Society for Health and Environment (SFSE), Strasbourg
- 2015 Member of the Scientific Committee of the 3rd workshop on non-market valuation (WONV3), Nancy.
- 2014 Member of the Scientific Committee of the 2nd workshop on non-market valuation (WONV2), Aix-en-Provence.
- 2013 Member of the Scientific Committee of the 1st workshop on non-market valuation (WONV), Nantes.
- 2012 Member of the Scientific Committee of the 3rd National Conference of the French Society for Health and Environment (SFSE), Paris

Recruitment

- 2022 Member of the Recruitment Committee for Research Fellows at the INRAE, Paris
- 2019-2021 Member of the Recruitment Committee at AMSE, Aix-Marseille University.
- 2015 Member of the Recruitment Committee for Research Director ("DR") at the IRSTEA, Antony
- 2005-2009 Member of the Recruitment Committee for the University of Perpignan.
- 2004-2009 Member of the Recruitment Committee for the University of the Mediterranean (now Aix-Marseille University, AMU).
- 1996-2008 Member of the Recruitment Committee for the University of Toulon et du Var.
- 1998-2001 Member of the Recruitment for the University of the Mediterranean (now AMU).

Research program / Public bodies

- 2022-... Member of the ACME International Scientific Advisory Board.
- 2018-2021 Member of the MobilAir International Scientific Advisory Board.
- 2014 Member of the valuation Committee of the Chronic Risk Department, INERIS.
- 2013-... Member of the Scientific council of Air-PACA, Marseille.
- 2002 - 2007 Member of the committee of the PREDIT research program on transportation (GO 7 du Predit 3, "Impacts énergétiques et environnementaux des transports").
- 2002 - 2006 Member of the Scientific council of the French Agency for Occupational and Environmental Health Security (Agence Française de Sécurité Sanitaire de l'Environnementale et du Travail, AFSSET, now Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail, ANSES).

- 2002 - 2005 Member of the Scientific committee of the ATC Health – Environment research program, INSERM
- 2000 - 2002 Member of the Scientific committee of the Health – Environment research program, French Ministry of Environment
- 1998 - 2001 Member of the Scientific committee of the PRIMEQUAL research program.

Expertise

- External expert consulted by *WHO-Europe* for HRAPIE-2 Health Risks of Air Pollution in Europe – 2 (2021-23).
- External expert consulted by *WHO-Europe* for EMAPEC Estimation of Morbidity from Air Pollution and its Economic Costs) (2021-22).
- Government reviewer for 2 chapters of the 6th IPCC report, on behalf of CNRS (2020-1).
- External expert consulted by *WHO-Europe* for “Software AirQ+ for the health impacts of air pollution”, 09/2019, 04/2020. European Environmental Agency (2019).
- External reviewer for ANSES on “Health and Economic impacts of ragweed / ambrosia in France” (2019-2020).
- Expert for *the French energy conservation agency (ADEME) and I Care & Consult* for the project « Les externalités associées aux scénarios prospectifs 2030 de l’ADEME. Focus sur les impacts sanitaires » (2016-17).
- Expert for *Institut de Veille Sanitaire* for the European project Aphekom “Improving Knowledge and Communication for Decision making on Air Pollution and Health in Europe” (2010-2011).
- Expert consulted by *WHO-Europe* for “Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland” (1998-1999) and “Economic valuation of transport-related health effects” (2007-2008).
- Expert associated to the working group « Transports : choix des investissements et coût des nuisances », under Marcel Boiteux presidency, *French State Planning Commission*, 2001.
- Expert of three collective expertises on lead poisoning, two for *INSERM* at the request of the French Ministries of Health and Research (1998-99) and the French ministry of Health (2006-08), and one for the *High Council for Public Health* at the request of the French Ministry of Health (2012-14)

Policy Advisory

- Member of the working group of the Forward Studies and Strategy Unit of the *French Ministry of the Environment* involved in the writing of « Du bon usage de l’évaluation économique dans les décisions publiques engageant l’environnement ». (Paris, 1995-96).
- Presentation of several intervention strategies and economic aspects related to lead poisoning, *French Ministry of Health* (Paris, 05/01/99)
- Preparatory note for the *French Minister of Environment* on the French part of the WHO report « Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland”, for her participation to the WHO Ministerial Conference on Environment and Health (London, 16-18/06/99).
- Presentation of the WHO report « Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland,” Boiteux Commission, *French State Planning Commission* (Paris, 2000).
- Presentation of the WHO report « Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland,” Precautionary and Prevention Committee, *French Ministry of the Environment* (Paris, September 2000).
- Contributions to the 2004 National Environmental and Health Action Plan, for the *French Ministry of Research* (2003).

Presentation of « Valoriser la vie humaine », Caducée committee, *French State Planning Commission*, (Paris, 27/11/03).

Critical note on the final report of the Steering committee on the 2004 National Environmental and Health Action Plan, for the *French Ministry of Research* (27/04/04)

Audition on the economic valuation of the health effects of air pollution, *French National Assembly*, (Paris, 17/02/15).

Audition on the economic valuation of the health effects of air pollution within the Aphekom project, *French Senate* (Paris, 02/04/15).

Audition on the health and economic issues of outside air pollution, *French Revenue Court* (Paris, 22/10/15).

Participation as an invited expert to a diner with the French Minister of Environment on « Climate in the Mediterranean», (Marseille, 21/03/16).

Audition on the valuation of health impacts in territorial planning for transportation and housing, High Council for Public Health (*Paris*, 09/03/17).

RESEARCH

Fields of Research

Applied Econometrics, Environmental Economics, Health Economics, Stated preferences.

Peer-reviewed publications in English

Do differences in brute luck influence preferences for redistribution in favour of the environment and health? with P. Paul, *Humanities & Social Sciences Communications*, forthcoming.

The Environmental Justice Implications of the Paris Low Emission Zone: A Health and Economic Impact Assessment, with E. Moreno, L. Schwarz, S. Host et T. Benmarhnia, *Air Quality, Atmosphere & Health*, forthcoming.

The environmental cost of the international job market for economists, with A. Prati et M. Raux, *Ecological Economics*, 201, November, 107565. (2022)

Towards Universal Health coverage: Evidence from a contingent valuation in Tunisia, with K. Makhoulfi, et M. Abu-Zaineh, *International Journal of Health Planning and Management*, forthcoming.

Impact of COVID-19 Activity Restrictions on Air Pollution: Methodological Considerations in the Economic Valuation of the Long-Term Effects on Mortality, *Economics and Statistics*, forthcoming (see also version in French).

The path towards herd immunity: predicting COVID-19 vaccination uptake through results from a stated choice study across six continents, with S. Hess and around 30 other researchers from 18 countries, *Social Science and Medicine*, Volume 298, April (2022), 114800.

Does Affective Forecasting Error Induce Changes in Preferences? Lessons from Danish Soldiers Anticipating Combat in Afghanistan, with S. Vincent Lyk-Jensen et J-C Vergnaud, *Defence and Peace Economics*, forthcoming.

Accounting for subsistence needs in cost-benefit analysis: a simple proposal, with V. Champonnois, *Journal of Environmental Planning and Management*, forthcoming.

Health effects from heat waves in France: an economic evaluation, with L. Adelaide and M. Pascal, *The European Journal of Health Economics* (2021).

Does charity begin at home for pollution reductions? Unraveling intra familial altruism, with S. Luchini and J. Shogren, *Journal of Choice Modelling* 38, 100268 (2021).

- Reducing the anchoring bias in multiple CV questions: Lessons from two CV surveys using a new elicitation format**, with V. Champonnois and K. Makhloufi, 28, 1-9, *Journal of Choice Modelling* (2018).
- When do social cues and scientific information affect stated preferences? Insights from an experiment on air pollution**, with D. Ami, F. Aprahamian, and S. Luchini, à paraître *Journal of Choice Modelling* (2018).
- How can contingent valuation inform the bioethics debate? Evidence from a survey on hereditary breast cancer in France**, with C. Protière, C. Nogues, I. Coupier, E. Mouret-Fourme, GENEPSO cohort investigators and C. Julian Reynier, *Revue Economique*, 68(3), 379-404 (2017).
- Take the money and run? Hypothetical fee variations and French GPs' labour supply**, with A. Paraponaris, C. Protière and B. Ventelou, *Revue Economique*, 68(3), 357-377 (2017).
- Can a circular payment card format effectively elicit preferences? Evidence from a survey on a mandatory health insurance scheme in Tunisia**, with K. Makhloufi and M. Abu-Zaineh, *Applied Health Economics and Health Policy*, 15(3), 385-398 (2017).
- The hidden economic burden of air pollution-related morbidity: evidence from the Aphekom project**, with L. Perez, N. Künzli and S. Médina, *European Journal of Health Economics*, 17(9), 1101-15 (2016)
- Combining discourse analyses to enrich theory: The case of local land use policies**, with L. Delattre, C. Livenais and C. Napoléone, *Ecological Economics* 113, 60-75 (2015).
- Willingness To Pay of Committed Citizens: A Field Experiment**, with D. Ami F. Aprahamian, R.-V. Joulé and S. Luchini, *Ecological Economics* 105, 31-39 (2014).
- Economic valuation of the mortality benefits of a regulation on SO₂ in 20 European cities of the Aphekom project**, with S. Henschel, P. Goodman, A. Analitis, R. Atkinson, A. Le Tertre, A. Zeka and S. Medina, *European Journal of Public Health* 24 (4): 631-637 (2014).
- Monetary Values for Risk of Death from Air Pollution exposure: A Context-dependent Scenario with a Control for Intra-familial Altruism**, with S. Luchini, *Journal of Environmental Economics and Policy*, 3(1), 67-91 (2014).
- Determinants of local public policies for urban expansion: The French Case**, with L. Delattre and C. Napoléone, *Land Economics*, 90(3), 411-433 (2014).
- Ambient air SO₂ patterns in 6 European Cities**, with S. Henschel, X. Querol, M. Pandolfi, R. Atkinson, A. Zeka, A. Le Tertre, A. Analitis, K. Katsouyanni, M. Pascal, C. Bouland, D. Haluza, S. Medina and P. Goodman, *Atmospheric Environment*, 79 236-247 (2013).
- Quantifying the health impacts of outdoor air pollution: useful estimations for public health action**, with S. Medina, F. Ballester, C. Declercq and M. Pascal, *Journal of Epidemiology and Community Health*, 67(6) 480-483 (2013).
- Assessing the public health impacts of urban air pollution in 25 European cities: results of the APHEKOM project**, with M. Pascal M. Corso, C. Declercq, C. Badaloni, G. Cesaroni, S. Henschel, K. Meister, D. Haluza, P. Martin-Olmedo and S. Medina, *Science of the Total Environment*, 449 390-400 (2013).
- Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network)** with L. Perez, C. Declercq, C. Iñiguez, I. Aguilera, C. Badaloni, F. Ballester, C. Bouland, FB Cirarda, F. Forastiere, B. Forsberg, D. Haluza, B. Hedlund, K. Cambra, M. Lacasaña, H. Moshammer, P. Otorepec, M. Rodríguez-Barranco, S. Medina, N. Künzli, *European Respiratory Journal*, 42(3) 594-605 (2013).
- Valuing life: experimental evidence using sensitivity to rare events**, with G. Chichilnisky, *Ecological Economics*, 85 198-205 (2013).
- Air pollution interventions and their impact on public health**, with S. Henschel, R. Atkinson, A. Zeka, A. Le Tertre, A. Analitis, K. Katsouyanni, M. Pascal, B. Forsberg, S. Medina, and P. Goodman, *International Journal of Public Health*, 57(5) 757-68 (2012).

Impact of information on intentions to vaccinate in a potential epidemic: swine-origin Influenza A (H1N1), with S. Luchini, S. Massoni and J.-C. Vergnaud, *Social Science and Medicine* 72, 142-148 (2011).

A Test of Cheap Talk in Different Hypothetical Contexts: The Case of Air Pollution, with D. Ami F. Aprahamian, and S. Luchini, *and Resource Economics*, 50(1) 111-130 (2011).

Transport, health and climate change: Deciding on the optimal policy, with L. Cabantous and J.-C. Vergnaud, *International Economics* 120, 11-36 (2010).

The Influence of Fear in Decisions: Experimental Evidence, with G. Chichilnisky. *Journal of Risk and Uncertainty* 39(3) 271-298 (2009).

Heterogeneous Anchoring and the Shift Effect in Iterative Valuation Questions, with F. Aprahamian and S. Luchini. *Resource and Energy Economics* 30 12-20 (2008).

Individual responsiveness to information in CV surveys: commitment matters, with S. Cleary and S. Luchini. *Revue d'Economie Politique* 117 761-779 (2007).

Retailers and Consumers in Sequential Auctions of Collectibles, with S. Vincent. *Canadian Journal of Economics* 40(1) 278-295 (2007).

Modeling Starting Point Bias and Unobserved Heterogeneity in Contingent Valuation Surveys: An Application to Air Pollution, with F. Aprahamian, and S. Luchini. *American Journal of Agricultural Economics* 89(2) 533- 547 (2007).

How to correctly assess mortality benefits in public policies, with P. Scapecchi and J.-C. Vergnaud. *Journal of Environmental Planning and Management* 49(5) 759-776 (2006).

Does Public Opinion Influence Willingness-to-Pay? Evidence from the Field, with S. Cleary and S. Luchini. *Applied Economics Letters* 13(13) 821-824 (2006).

Computing Price Trends in Sequential Auctions, with S. Vincent. *Recherches Economiques de Louvain* 70(4) 443-460 (2004).

Economic Costs of Air Pollution Related Health Impacts - an Impact Assessment Project of Austria, France and Switzerland with Seethaler, R., Künzli, N.; Sommer, H.; Herry, M.; Masson, S.; Vergnaud, J.C.; Filliger, P.; Horak Jr., F.; Kaiser, R.; Medina, S.; Puybonnieux-Textier, V.; Quénel, P.; Schneider, J.; Studnicka, M.; Heldstab, J. *Clean Air & Environmental Quality* 37(1) 35-43 (2003).

Public-health impact of outdoor and traffic-related air pollution: a European assessment, with Künzli N., Kaiser R., Medina S., Studnicka M., Filliger P., Herry M., Horak F., Puybonnieux-Textier V., Quenel P., Schneider J., Seethaler R., Vergnaud J.-C. et Sommer H. *Lancet*, 356 795-801, Sept. 2nd, (2000).

The relevance of hedonic price indices: the case of paintings, with L.-A. Gérard-Varet et V. Ginsburgh. *The Journal of Cultural Economics* 20(1) 1-24 (1996).

Is art market behaviour predictable, *The European Economic Review* 39 519-527 (1995).

Prices and returns on paintings. An exercise on how to price the priceless, with L.-A. Gérard-Varet and V. Ginsburgh. *The Geneva Papers on Risk and Insurance Theory* 19, 7-21, (1994).

Peer-reviewed publications in French

Impact sur la pollution de l'air des restrictions d'activité liées à la Covid-19 : Apports méthodologiques dans l'évaluation économique des effets de long terme sur la mortalité, *Economie et Statistique*, forthcoming (see also version in English).

Évaluation monétaire des effets sanitaires des canicules en France métropolitaine entre 2015 et 2020, with L. Adelaïde et M. Pascal, *Bulletin Epidémiologique Hebdomadaire*, 12, 215-23 (2021).

Évaluation économique de la mortalité liée à la pollution atmosphérique en France, with S. Medina et M. Pascal, *Journal de Gestion et d'Économie de la Santé* 38(2), 77-92 (2020).

Les analyses coûts-bénéfices en santé-environnement prennent-elles correctement en compte les préférences de la population ?, with V. Champonnois, *Environnement, Risques et Santé* 17(4), 373-8 (2018).

Impacts sanitaires et socio-économiques de la pollution de l'air : leçons d'une approche globale dans le secteur des transports. *Environnement, Risques et Santé* 16, 381-387 (2017).

Quelques clarifications sur l'évaluation monétaire des effets sanitaires relatifs à la pollution atmosphérique, with M. Pascal, S. Medina and P. Beaudeau, *Environnement, Risques et Santé*, 14(5), 431-434 (2015)

Comment les individus valorisent-ils les décès associés à la pollution atmosphérique ? Une comparaison de trois scénarios hypothétiques, with D. Ami F. Aprahamian, and S. Luchini, *Economie et Statistique*, 460-461 107-128 (2013)

L'évaluation monétaire des effets sanitaires associés à la pollution atmosphérique, *Pollution Atmosphérique*, Novembre, 80-83 (2012).

Comment modéliser les déterminants locaux de préservation des espaces non-artificialisés en France? L'apport d'une confrontation littérature-terrain, with L. Delattre and C. Napoléone, *Revue d'Economie Rurale et Urbaine*, 5 805-829 (2012).

Adoption et utilisation du porte-monnaie électronique Monéo. Essai empirique sur un échantillon test, with Z. M'Chirgui, *Revue d'Economie Industrielle* 126, 2^{ième} trimestre 53-76 (2009).

Vers un renouveau encore fragile des méthodes de préférences déclarées, with D. Ami. *Economie et Statistique* 421 47-51 (2009).

La dynamique des alliances et des acquisitions dans l'industrie de la carte à puce, with Z. M'Chirgui. *Economie Appliquée* LX(4) 107-140 (2007).

Valorisation économique des effets de la pollution atmosphérique : Résultats d'une enquête contextuelle, with E. Faugère, G. Geniaux, R. Kast, S. Luchini and P. Scapecchi. *Revue Economique* 55(1) 65-92 (2004).

Combien valent les décès évités par la prévention, with J.-C. Vergnaud. *Revue Economique* 55(5) 991-1010 (2004).

Les consentements à payer pour des programmes de prévention sanitaire incluent-ils de l'altruisme ? Enseignements d'une enquête concernant la fièvre Q, with S. Luchini, A. Paraponaris, C. Protière and J.-C. Vergnaud. *Revue Economique* 55(5) 923-946 (2004).

Difficultés d'une monétarisation des effets sanitaires de la pollution atmosphérique. *Pollution Atmosphérique* 166 249-260 (2000).

Pollution atmosphérique et santé : évaluation monétaire et effets de long terme, with S. Masson, P. Scapecchi and J.-C. Vergnaud. *Région et Développement* 12 33-53 (2000).

La décroissance des prix au cours d'enchères séquentielles : sources et mesures, with S. Vincent. *Economie et Prévision* 132-133 139-157 (1998).

Oeuvres d'art et placements financiers. *Agone* 13 85-98 (1995).

Le prix des peintures modernes et contemporaines et la rentabilité des placements sur le marché de l'art de 1957 à 1988, with S. Docclo, L.-A. Gérard-Varet and V. Ginsburgh. *Revue Risques* 13 133-158 (1993).

Book (co-edited volume)

L'environnement dans la décision publique - Refonder l'évaluation socio-économique pour des politiques de transport plus durables, with G. Faburel (Eds.), *Economica*, ISBN 9782717857863, 228 p., 2010

Book review

Bookreview on: Analyse Economique de la valeur des biens d'art: La peinture contemporaine (Nathalie Moureau) in *The Journal of Cultural Economics* 26(3) 237-239 (2002).

Book chapters

Air Pollution and Health: Economic Implications, in *Handbook of Labor, Human Resources and Population Economics*, Springer, Forthcoming.

Exploring the role of emotions in decisions involving catastrophic risks: Lessons from a double investigation, with G. Chichilnisky, S. Massoni and J.-C. Vergnaud, *The Economics of the Global Environment - Catastrophic Risks in Theory and Practice*, G. Chichilnisky, A. Rezai (Eds.), 553-575, Springer Cham, 2016.

Pollution atmosphérique et qualité de l'air, In *L'environnement dans la décision publique Refonder l'évaluation socio-économique pour des politiques de transport plus durables*, Chapitre 1.1, O. Chanel et G. Faburel (Eds.), *Economica*, Paris, 2010.

Apports de l'analyse économique, In *Saturnisme Quelles stratégies de dépistage chez l'enfant ?*, 215-229, INSERM (Ed.) Paris, 2008.

The adoption and use of smart card technology in banking: An empirical evidence from the Moneo electronic purse in France, with Z. M'Chirgui, in *Advances in Banking technology and management: Impacts of ICT and CRM*, V. Ravi, (ed.) 70-87, IGI Global Hershey, New-York, 2008.

Approches économiques et socio-économiques, in *Plomb dans l'Environnement : Quels risques pour la santé*, Ed. INSERM, 1999.

Auction, Theory and Practice: Evidence from the Market for Jewellery, with L.-A. Gérard-Varet and S. Vincent, in *Economics of the Arts : Selected Essays*, V.A. Ginsburgh and P.-M. Menger Editors, North-Holland, 1996.

Articles in medias

Le Monde "La Cop21, le bus et le précipice", online version, 23/04/16.

French version of Scientific American (Pour la Science), "Des milliards d'euros qui partent en fumée", N° 455, p. 7 (September 2015).

Working Papers, Work in progress, Proceedings, other

The declining price effect in sequential auctions: what theory does not predict, with S. Vincent, *Centre for Industrial Economics, Discussion Papers* 99-13, September 1999.

Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland, with Sommer H., R. Seethaler, M. Herry, S. Masson, and JC Vergnaud - *WHO Technical report TEH07*, 1999

Economic evaluation of health impacts due to road traffic-related air pollution, with Sommer H., Künzli N., Seethaler R., Herry M., Masson S., Vergnaud J.-C., Filliger P., Horak F., Kaiser R., Medina S., Puybonnieux-Texier V., Quenel P., Schneider J., and Studnicka, in *Ancillary Benefits and Costs of Greenhouse Gas Mitigation, OECD-Report 2000 ENV/EPOC/GSP(2001)13/FINAL*, November, p 451-79.

Long term health effects and economic valuation of public policies: an application to air pollution in France, with P. Scapecchi and JC. Vergnaud, *Document de travail Greqam 01B03*, 2001.

Coûts des effets sur la santé de la pollution atmosphérique due aux transports. Va-t-on vers une convergence des évaluations ou au contraire vers une divergence croissante ? in *Séminaire Automobile et pollution de l'air - Y a-t-il encore des controverses ?*, Ministère de l'Équipement et des Transports 18-26, 2002.

Absentee bidders and endogenous uncertainty in sequential auctions: Evidence From Wine Auctions, with S. Vincent, *Document de travail Greqam 02B02*, 2002.

Sequential auctions with heterogeneous bidders, with S. Vincent, *Document de travail Greqam 02A16, 2002.*

Individual responsiveness to information in cv surveys: commitment matters, with S. Cleary and S. Luchini, *DT Greqam 2004-50, Marseille.*

Il est cinq heures, Paris circule... in *Dossier Théma du CNRS Paris en scènes, juillet 2005.*

Penser de façon globale in “ *Respire-t-on mieux à Paris ?* ” *Zurban, 2005.*

Does charity begin at home for pollution reductions? with S. Luchini and J. Shogren, *Document de travail Greqam 2005-57, Marseille, submitted.*

New Product Adoption and Use: The Case of the Moneo Electronic Purse, with Z. M'Chirgui. *Proceeding of the 3rd EEE International Conference on Management of Innovation and Technology, 2006.*

Heterogeneous Anchoring and the Shift Effect in Iterative Valuation Questions, with F. Aprahamian, and S. Luchini, *Document de travail Greqam 2006-17, Marseille 2006.*

Coûts environnementaux des transports : quels usages dans le cadre de politiques de mobilité durable, with G. Faburel. In *Infrastructures et Mobilité 69 8-9, 2007.*

The influence of fear in decisions: experimental evidence, with G. Chichilnisky, *Document de travail Greqam 2008-01, Marseille.*

Willingness To Pay of Committed Citizens: A Field Experiment, with D. Ami F. Aprahamian, R.-V. Joulé and S. Luchini, *DT Greqam 2008-07.*

A Test of Cheap Talk in Different Hypothetical Contexts: The Case of Air Pollution, with D. Ami F. Aprahamian with S. Luchini *DT Greqam 2009-09.*

Monetary Values for Air Pollution Risk of Death: A Contingent Valuation Survey, with S. Luchini, *DT Greqam 2008-05.*

How we earn money matters: Internal reflection and voting on redistribution, with P.-H. Bono, I. Lu, S. Luchini, M. Teschl and A. Trannoy.

Can Absentees be Blamed for Price Decline in Sequential Auctions? Evidence from Wine Auctions, with Stéphanie Vincent Lyk-Jensen, *mimeo 2009.*

Why are some coalitions more successful than others in setting standards? Empirical evidence from the Blu-ray vs. HD-DVD standard war, with Z. M'Chirgui and D. Calcei, *DT Greqam 2010-53.*

How we earn money matters for distributive Justice: An experimental investigation on equality of opportunity, with S. Luchini, M. Teschl and A. Trannoy, *miméo.*

Consentements à payer pour une diminution de l'exposition à la pollution de l'air : comparaison de trois scénarios, with D. Ami, F. Aprahamian, and S. Luchini, *Études & documents n°116, Commissariat général au développement durable, Actes du séminaire Monétarisation des biens, services et impacts environnementaux en appui à la décision : les nouveautés méthodologiques, 38-39, 2014.*

Can a circular payment card format effectively elicit preferences? Evidence from a survey on a mandatory health insurance scheme in Tunisia, with K. Makhouloufi et M. Abu-Zaineh, *AHEAD Working Paper 2/2016*

How useful are (Censored) Quantile Regressions for Contingent Valuation? Evidence from a double investigation, with V. Champonnois and C. Protopopescu, *WP FAERE 2016.12, submitted.*

Do stated preferences favour plutocratic choices?, with S. Massoni and J.-C. Vergnaud, *miméo.*

Decisions in periods of uncertainty, fear, and catastrophe / Décisions en incertitude, peur et catastrophes, with G. Chichilnisky and A. Basiuk, *Dialogues Economiques, April (2020).*

How Much Is a Cleaner Air Worth? / Combien vaut un air plus pur ?, with A. Basiuk, *May (2021).*

Évaluation économique de l'impact des restrictions d'activité en lien avec la Covid-19 sur la pollution de l'air ambiant en France métropolitaine : Effets de court et plus long terme sur la mortalité, *Rapport, Miméo AMSE, 22 pages, June (2021)*.

Evaluation des impacts sur la santé de l'exposition chronique aux particules fines et au dioxyde d'azote sur la partie suisse du Grand Genève, *with I. Cucchi, M. Benmati, G. Brulfert, R. Schaffar, J. Zufferey, and C. Stohr, République et Canton de Genève, Sabra, miméo, 62 pages, September (2021)*.

The environmental cost of the international job market for economists, *with A. Prati and M. Raux, Vox EU, January 16 2022, <https://voxeu.org/article/environmental-burden-international-job-market-economists> & CEP-LSE CEP Discussion Paper No. 1819*.

Des impacts sanitaires du changement climatique déjà bien visibles : l'exemple des canicules, *with L. Adelaïde and M. Pascal, Responsabilité et Environnement, Annales des Mines, 106, 42-47 (2022)*.

Air pollution and health, *Amse Newsletter n°15, Summer, 4-7 (2022)*.

Évaluation économique des impacts sanitaires des mesures limitant la circulation dans la métropole du Grand Paris, *with T. Benmarhnia & S. Host. Rapport final de la partie économique du programme CEPPEM, Miméo AMSE 47 p*

COMMUNICATIONS

Media presence

Written: Telex (1994), Charlie Hebdo (1996), Capital (1996), L'Expansion (2001), France-Soir (2002), La Provence (2006, 2014), 20 minutes (2006, 2015), La Marseillaise (2007), Le Monde (2011, 2013), Bloomberg (April 2015, also published in Chicago Tribune (USA, 2015), Independent on line (South Africa, 2015), Sydney Morning Herald (Australia, 2015)), France24 (May 2015), AMU letter (n°33, 2015), Newsletter AMSE (n°5, 2017, *The hidden economic burden of air pollution-related morbidity: Evidence from the Aphekom project*), Les Echos (Septembre, 2017), Le Point (Décembre 2017), La Dépêche (Décembre 2017), Femme actuelle (Décembre 2017), Newsletter AMSE (n°11, 2020, *Vaccination in times of pandemic, with S. Luchini*), Les Echos (Juillet 2021), La Croix (Juillet 2021), La lettre d'AMU (n°93, 2021), Public Sénat (June 2022), La Tribune (June 2022), L'Opinion (July 2022), Le Figaro (July 2022)

Radio: France Info (2006), Chérie FM – Nostalgie – NRJ (2006), France Bleue Provence (live, 2008), France Bleue Provence (2012), France Bleue Bourgogne (2017), France Inter (2021), Europe 1 (2022), Radio Classique (2022).

Television: M6 Marseille Newscast (2000), FR3 Provence Newscast (live, 2006), FR3 Provence Newscast (2006), Canal plus (Spécial Investigation, "Le prix de nos vies", 09/2015), EuroNews (Décembre 2017).

Events for High school students

Science Fair (2004, 2006, 2007, 2008), 7th Forum Sciences and Society (2009), Conference Sciences Echos (2018), Conference Terminal class ES Duby High School (twice in 2018).

Invited talks and Conferences

2021 JMA2021 (Annecy), Jeudi Santé publique France (Webinar), Inter-Eval (Aix-en-Provence), PSAS Air Santé Santé publique France (Webinar)

2020 EHESP interdisciplinary seminar (Webinar).

2019 CEEM Montpellier, Green-Econ Marseille, CGDD Paris, Journées LAGV Aix-en-Provence, Colloque in honour of Michel Lubrano Marseille, Smart port day Marseille, ICMC2019 Kobe, FEC2019 Marseille.

- 2018 ARS-PACA (Marseille), IEHIA (Trieste), Green-Econ (Marseille), GAEL (Grenoble), Ea-Bas carbone (Aix-en-Provence)
- 2017 ECCOREV (Aix-en-Provence), Imera (Marseille), SEM EDF (Paris), FAERE Winter Meeting (Cachan), Congrès SFSE (Paris, Round table), SpFrance (Saint-Maurice)
- 2016- Conference Sciences et Humanités Marseille, Journée thématique PR2i « Environnement et santé » Marseille, Ecole d'été des objectifs de développement durable Marseille, LEMNA Nantes, Congrès SFSE Strasbourg.
- 2014-2015 WCERE Istanbul, ECCOREV Aix-en-Provence, Journées Méditerranéennes de l'Air Marseille, Journées scientifiques de Météo France Paris, Cesaer Dijon, A l'écoute des Sciences sociales Marseille, 10^{ièmes} Journées de la Prévention Paris, WONV3 Nancy, Workshop in Environmental Economics Marseille, Séminaire AIR-PACA Marseille.
- 2012-2013 AMSE Marseille, ECCOREV Aix-en-Provence, Ministère de la santé Paris, SFSP Paris.
- 2010-2011 ECCOREV Aix-en-Provence, WCERE Montréal, Apekom Barcelone.
- 2008-2009 MEEDDAT, Paris, EAERE Göteborg, CORE Université de Louvain-La-Neuve, EAERE Amsterdam.
- 2006-2007 Workshop on Contingent Valuation Paris, Séminaire PREDIT La Défense.
- 2005-2006 RTP Lyon, Idep-Greqam Aix-en-Provence.
- 2004-2005 (EC)² Marseille, Lameta Montpellier, ULB Bruxelles, EAERE Bremen.
- 2003-2004 CGP Paris, INRA Toulouse, CORE Louvain-La-Neuve, EAERE Budapest.
- 2002- 2003 Tunis, Marseille, EAERE Bilbao.
- 2001-2002, METL Paris, EIS meeting Saint-Maurice, Fourgeaud Seminar Paris.
- 2000-2001 MATE Paris, METL Paris.
- 1999-2000 EDF Paris, METL Paris, PIREE Strasbourg, CGP-DP-MATE Paris, EVE Strasbourg.
- 1998-1999 Oenometrics Ajaccio, CITEPA Paris, Beyrouth.
- 1997-1998 CGP Paris, AFSE Toulouse, ICCE Barcelona, South American Econometric Society, Lima.
- 1996-1997 ADEME/INSERM Paris, MELT Paris, Metz, Journées de Micro-économie appliquée Marrakech.
- 1995-1996 AEA Lisbonne, ICCE Boston.
- 1994-1995 IGREC-ADDEC Paris.
- 1993-1994 U.L.B. Bruxelles, European Economic Association Maastricht.
- 1989-1992 E.H.E.S.S. Paris, Drouot Fondation Paris, Journées de Micro-économie appliquée, Marseille.

TEACHING AND SUPERVISION

HDR (French degree for research supervision) supervision

- 2016 Supervision of D. Ami, Aix-Marseille University.
- 2009 Supervision of Z. M'Chirgui, Université de la Méditerranée.

PhD supervision

- 2019-... Co-supervision (with S. Flèche) of C. Alestra (Aix-Marseille University).
- 2016-2020 Co-supervision (with S. Luchini) of A. Prati (Aix-Marseille University).
- 2015-2020 Co-supervision (with P. Delacote) of S. Masson (Aix-Marseille University).
- 2015-2018 Supervision of V. Champonnois (Aix-Marseille University).

- 2010-2018 Co-supervision (with J.-C. Vergnaud) of C. Payre (Paris I), now Engineer at Eifer (Germany)
- 2009-2014 Co-supervision (with G. Geniaux) of A. Diallo (Ecole des Hautes Etudes en Sciences Sociales), now statistician for a Pharmaceutical company.
- 2009–2013 PhD. supervision (with C. Napoléone) of L. Delattre (Ecole des Hautes Etudes en Sciences Sociales) (now lecturer at Lille University).
- 1998-2002 PhD. co-supervision (with P. Werquin) of P. Scapecchi (Université de la Méditerranée) (now impact/development effectiveness officer at Proparco).
- 1994 - 1998 PhD. collaboration to supervision (with LA Gérard-Varet) of Stéphanie Vincent Lyk-Jensen, Université de la Méditerranée (now senior researcher at SFI, Copenhagen).

PhD and HDR Committee Membership

- 2022 Abdelhak Nassiri (HDR, Université de Brest)
- 2021 Lan Anh Nguyen (PhD, referee, Inrae Montpellier),
- 2021 Marcus Kieslich (PhD, referee, Université de Montpellier), referee,
- 2021 Luis Guillermo Becerra-Valbuena (PhD, referee, Université Paris 1 Panthéon-Sorbonne, PSE),
- 2021 Marion Leroutier (PhD, referee, Université Paris 1 Panthéon-Sorbonne, PSE),
- 2020 Valentine Ern -Heintz (HDR, referee, Université de Haute-Alsace),
- 2019 Mariam Maki Sy (PhD, Université de Montpellier),
- 2017 Noukignon Kon  (PhD, referee, Université de Rouen),
- 2017 Frédéric Kosmowski (PhD, president, LPED, Université d'Aix-Marseille),
- 2017 Claire Richert (PhD, referee, Université de Montpellier),
- 2015 Vincent Nedellec (PhD, referee, CNAM, Paris),
- 2015 Daniel Herrera (PhD, referee, Université de Toulouse),
- 2014 Ang lique Chassy (PhD, referee, president, Université de Rouen),
- 2014 Fran ois Cohen (PhD, referee, president, Ecole des Mines de Paris)
- 2013 Emmanuelle Lavaine (PhD, referee, Université de Paris I)
- 2013 Julie Poirier (PhD, referee, president, Université de Lyon Lumi re),
- 2012 C line Dudoy-Pichery (PhD, referee, Université de Lorraine et EHESP),
- 2009 Pierre-Alexandre Mahieu (PhD, referee, Université de Rouen)
- 2005 Karine Moschetti (PhD, Université de la M diterran e).
- 2004 Audrey Demolliens (PhD, Université Paul C zanne)
- 1998 Emmanuel Flachaire (PhD, Université de la M diterran e)

Graduate student supervision

1994-... One student per year on average.

Regular university lectures

- 1995-2017 Econometrics (Master 2, 24 hours), Aix Marseille University.
- 1995-1997 Seminar in European Economics (4th year undergraduate, 24 hours), Brussels Free University.
- 1993-1994 Seminar in Econometrics (4th year undergraduate, 24 hours), Brussels Free University.
- 1992-1995 Seminar in Industrial Economics (4th year undergraduate, 24 hours), Brussels Free University.

1990-92 Computer Science (3rd year undergraduate, 24 hours), Université d'Aix-Marseille III.

Occasional lectures

- 2022 Interdisciplinary Summer School on « Climate, Environment and Energy: Past, Present and Future » CIVIS network.
- 2016 & 2019 MOOC on the economics of Climate Change.
- 2015 – 2016 Health, environment interactions (Master 2, 6 hours), Aix Marseille University.
- 2008 Environmental Economics, (in-service training, manager level, 6 hours), Rhône Méditerranée & Corse Water Agency.

RESEARCH FUNDING

Past researches

- Transition toward a greener economy: Environmental policies and societal adaptation (GREEN-Econ), *French Research Agency l'ANR* (coordonateur of a work package, other participants: 19 members of Greqam and Lameta), 2016-20.
- Application smartphone et tablette pour comprendre les enjeux du changement climatique (LudiCC), with ten participants from OT-Med, *étude pour OT-MED*, 2018.
- Impact of Pesticides on Health Risks, *ECCOREV*, (co-ordinator, other participants: E. Lavaine and C. Napoléone), 2015-7.
- Valeur d'écosystèmes marins et impact de l'information, *Parc National de Port-Cros and Fondation Total*, (other participants: 7 members of Greqam, IMBE and ESPACE), 2015-8.
- Evaluation économique des effets sanitaires cumulés de la pollution de l'air intérieur et extérieur Etude de faisabilité (CumulAir) *ANSES* (other participants: J.-M. Brignon and S. Schucht (INERIS)), 2016-8
- La dynamique des inégalités et leurs perceptions (DynIPer), *Aix-Marseille University A*Midex*, (other participants: 20 members from AMSE, and Louvain Catholic University). 2013-16.
- Measuring Climate Change Perception in India and France, *OT-MED*, (other participants: A. Schleyer-Lindenmann and Parul Rishi), 2014-15.
- Décision en présence d'incertitude et d'émotions face à des risques de catastrophes naturelles (RISKEMOTION), *French Research Agency (ANR)*, (Co-ordinator, other participants: G. Chichilnisky, S. Massoni, S.V. Lyk-Jensen and J.-C. Vergnaud. 2009-12.
- Evaluation économique de la mortalité dans le cas de la pollution de l'air: Préférences, perceptions et effet de contexte", *French Research Agency*, (Co-ordinator with D. Ami, other participants: F. Aprahamian and S. Luchini), 08/2008.
- Monétarisation des effets de la pollution atmosphérique : un état de l'art pluridisciplinaire, *French Ministry of Transport and Housing*, Predit 99MT81, (Co-ordinator with JC Vergnaud, other participants: L. Cabantous, E. Faugère, Y. Le Moullec, D. Manière, P. Manolova, S. Medina, C. Renaudot, M.-A. Salomon and P. Scapecchi), 02/2001.
- Approche économique et socio-anthropologique de la pollution atmosphérique : application au département des Bouches-du-Rhône, *French Ministry of the Environment*, Primequal 36/98, (co-ordinator, other participants: E. Faugère, G. Geniaux, R. Kast, S. Luchini, C. Protopopescu and P. Scapecchi), 12/2001.
- Monétarisation des effets sanitaires de la pollution de l'air en France : une approche européenne, *French energy conservation agency (ADEME)*, (co-ordinator, other participants: S. Masson, P. Scapecchi and JC Vergnaud), 10/1999.
- Health Costs due to Road Traffic-related Air pollution: an impact assessment project of Austria, France and Switzerland, Report for *WHO, Federal Department of Environment, Transport, Energy and Communications, Berne, Suisse* (ref 801.632e) / *WHO Technical*

report TEH07, 1999, (other participants: M. Herry, H. Sommer, S. Masson, R. Seethaler and JC Vergnaud), 06/1999.

Efficacité de la dépense publique en matière de santé: cohérence des instruments de régulation, *French State Planning Commission*, (other participants: Bonniol V., Chambaretaud S., Gerard-Varet, L.A., Hartmann L., Leroux A., Moschetti K., Mougeot M. and Naegelen F.), 01/1999.

Nomadisme et ancrage territorial: L'émergence d'un tissu industriel et technologique en micro-électronique dans les Bouches-du-Rhône, *Conseil Général des BDR*, (other participants : F. Rychen and J.-B. Zimmermann), 02/1998.

Evaluation monétaire des effets à court terme de la pollution atmosphérique: Application à l'île de France, *French Ministry of the Environment*, (other participants: G. Geniaux, F. Rychen, C. Deniau and B. Ghattas), 10/1996.

L'ancrage territorial des activités industrielles et technologiques: une approche méthodologique, *French State Planning Commission*, (other participants: B. Morel, F. Rychen, J.-B. Zimmermann, J. Perrat, B. Pecqueur, J.-P. Gilly and D. Talbot), 07/1995.

Etude de la demande télévisuelle : Approche par les modèles qualitatifs, *French Ministry for the Arts*, (other participant: L.-A. Gérard-Varet), 09/1993.

Formation des prix des peintures modernes et contemporaines et rentabilité des placements sur le marché de l'art, *French Ministry for the Arts*, (other participants: A.-M. De Kerchove, L.-A. Gérard-Varet and V. Ginsburgh), 12/1990.

Current researches

Caractérisation des Episodes de Pollution et Evaluation des Mesures mises en place (CEPEM) with about 12 members of INSERM, Santé publique France and Observatoire Régional de Santé – Ile de France, *Primequal and ADEME*, 2018-21.

Accompagnons le véhicule électrique avec la nécessaire intelligence de la recharge (AVENIR), with about fifty participants: ENEDIS (coordinateur), Trialog, GIREVE, Université Grenoble Alpes, Groupe Renault, Groupe PSA, IZIVIA, E55C, Schneider, G2Mobility et Nuvve, financement ADEME, 2019-22.