



# Care-led innovation: The case of elderly care in France and Japan

16 December 2021

9.00 - 13.30 (France) | 17.00 - 21.30 (Japan)

*Onsite (by invitation only): Salle SAUVY – INED Building*

*Campus Condorcet - 9, cours des Humanités - 93 300 Aubervilliers*

*Online (open to public)*

*Registration: <https://forms.gle/rrYLRo9WfBpjdPW16>*

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The increase in human longevity and the ageing of the population constitute a major challenge for our societies. One of the key issues concerns the care of elderly people who are facing a loss of autonomy. In this field, if the contribution of technologies (such as robotics, artificial intelligence, information and communication technologies) is recognized as an answer, it is also marked by certain limits, partly revealed by the Covid-19 crisis. Our hypothesis is that this is a structural problem linked to the partial disconnection between social needs and technological responses, in connection with the dominant paradigm of innovation. The objective of the project is to develop an alternative concept of care-driven innovation. Through a multidisciplinary Franco-Japanese collaboration, we analyze policies and practices that make well-being the ultimate criterion for innovation.



**Toshiba International Foundation**  
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# Programme

French time (FR): 09.00 - 13.30 | Japan time (JP): 17.00 - 21.30

09.00 (FR) |  
17.00 (JP) | Welcoming remarks and general introduction

**Aline Désesquelles** (INED), **Sébastien Lechevalier** (EHESS-FFJ)

09.10 (FR) |  
17.10 (JP) | Session 1: How to accompany the loss of autonomy of some elderly people? How to identify and understand their individual needs? What is the impact of the increasing life expectancy?

Introduction and chair: **Jean-Marie Robine** (INSERM, EPHE, INED)  
Discussant: **Emmanuelle Cambois** (INED)

- **Toshiyuki Ojima** (Hamamatsu University School of Medicine)
- **Yasuhiko Saito** (Nihon University)
- **Loïc Trabut** (INED)

10.10 (FR) |  
18.10 (JP) | Session 2: What are the impacts of defamiliarization and institutionalization of care for the elderly? Macro and micro analysis of the transformation of care institutions for the elderly from a sociological and public policy perspective

Introduction and chair: **Aurélie Damamme** (Université Paris 8)  
Discussant: **Helena Hirata** (CNRS)

- **Anne-Marie Guillemard** (Université de Paris)
- **Nao Kinoshita** (Ministry of Health, Labour and Welfare in Japan)

## *Coffee break*

11.05 (FR) |  
19.05 (JP) | **Session 3: Which innovations in the field of eldercare?**  
An assessment based on French and Japanese experiences

Introduction and chair: **James Wright** (The Alan Turing Institute)  
Discussant: **Boris Hauray** (INSERM)

- **Naonori Kodate** (University College Dublin)
- **Katsunori Shimohara** (Doshisha University)
- **Anne-Sophie Rigaud** (Université de Paris and AP-HP)

12.05 (FR) | Session 4: In what way can Covid-19 be considered as  
20.05 (JP) | a revealing of the needs in terms of social innovation  
among the "helpers" and the "helped"?

Introduction and chair: **Olivier Giraud** (CNRS)

Discussant: **Susanne Brucksch** (DIJ)

- **Yasuyuki Gondo** (Osaka University)

- **Prisca Lucas** (Gérond'if)

12.45 (FR) | Perspectives from other projects

20.45 (JP) | Cognitive Psychology for Care

**Atsushi Nakazawa** (Kyoto University) and **Miwako Honda** (Tokyo Medical Center)

12.55 (FR) | Discussion  
20.55 (JP) |

Chair: **Sébastien Lechevalier** (EHESS-FFJ)

13.25 (FR) | Concluding remarks  
21.25 (JP) |

*Lunch buffet*

# Speakers

(alphabetic order)

## Susanne Brucksch (DIJ Tokyo)

Susanne Brucksch is principal researcher at the German Institute for Japanese Studies (DIJ), Tokyo. She was senior researcher at Free University Berlin before as well as visiting scholar at Waseda University in 2016 and the Max Planck Institute (MPI) for Innovation and Competition in 2019. Brucksch has been serving as chair of the advisory board of DWIH Tokyo (German Centre for Science and Innovation) 2019-2021 and as board member of VSJF (German Association for Social Science Research on Japan) since 2016. Her research focuses on innovation and research collaboration regarding medical devices in Japan. Her recent publications comprise the forthcoming volume "Humans and Devices in Medical Contexts. Case Studies from Japan", edited with Kaori Sasaki, Palgrave Macmillan.



## Emmanuelle Cambois (INED)

Emmanuelle Cambois is a senior researcher at the French demographic institute INED. My research is in the field of public health and population studies, with a specific interest for population health and (un)healthy ageing, analyzing levels, trends and disparities, and looking at social/gender health and longevity inequalities. Part of my work is also exploring contextual and individual lifelong factors of the health deterioration process, to identify (uneven) mechanisms leading from chronic diseases to functional limitation and activity restrictions, with national and European data bases. I am also involved in measurement issues, regarding quality and comparability of survey instruments, for international harmonization of population health information. Since January 2018, I

am the director of the Institute of Longevity, Elderhood and Ageing (ILVV) which aims to strengthen the Social science research community in France through four missions: Knowing the the community, Publicizing the works, Promoting exchanges between researchers from various disciplines, Facilitating the dialogue between researchers, policy makers and stake holders.



## Aurélie Damamme (Paris 8 University)

Aurélie Damamme is a sociologist. She teaches Sociology at Paris VIII University and is a member of Centre de Recherches sociologiques et politiques de Paris-Genre Travail Mobilités (CRESPPA-GTM, CNRS). She has co-published with Emmanuelle Fillion and Myriam Winance two issues of the Journal ALTER-European Journal Of Disability Research/Revue Européenne de Recherche sur le Handicap (Care and Disability: 1st Part: Stakes and Ambiguities of caring (2015) and 2nd part: Historical Variations and International Perspectives (2016). With Helena Hirata and Pascale Molinier, she has co-directed a book on carework in different countries (Columbia, Argentina, Lebanon, France, Japan). *Le travail entre public, privé et intime.*

*Comparaisons et enjeux internationaux du « care »* (L'Harmattan, 2017). She has co-copublished with Maria Teresa Martin Palomo an issue on carework in Cuadernos de Relaciones Laborales (Care at the crossroads of research (2020). She has participated in comparative research on care work of families in France and Japan. Her current research work focuses on care, housing and disability. She is a visiting researcher at the Institut national d'études démographiques (INED) to study the housing trajectories of disabled people and possible changes since the 2005 French law on disability.



### Aline Désesquelles (INED)

Aline Désesquelles is a senior researcher at the French Institute for Demographic Studies (INED) since 1998. After a PhD in demography (University of Bordeaux), she spent a post-doctoral year at the University of Chicago, where she was involved in research projects on the biodemography of aging. From 2004 to 2006 she was seconded to the French national statistical office (INSEE) to head the Unit of demographic studies and surveys. She was also involved in the Generations and Gender Programme (GGP) as INED team leader of the questionnaire developing group. Her major research interests and contributions are in the field of mortality and cause-of-death analysis. She coordinates the international network *MultiCause*. She also has a long-standing interest for the prison population. She organized the

first nationally representative survey on health and disability in French prisons ("HID-prisons 2001"), and is now preparing a survey on soon-to-be-released prison inmates. Parallel to her research activities, Aline Désesquelles has been associated editor of the *European Journal of Population* (2014-2016) and chief editor of the journal *Population* (2017-2020). From 2007 to 2009, she was Dean of the European Doctoral School of Demography (EDSD) and INED Director of International Affairs. She has been teaching at Sciences Po Paris and at the University Paris La Sorbonne. From 2020, she is INED Deputy Director for Research. She is research affiliate at IRIS (Institut de recherche interdisciplinaire sur les enjeux sociaux) and at the *Population Studies Center* of the University of Pennsylvania.



### Olivier Giraud (CNRS)

Olivier Giraud is a political scientist and a sociologist. Senior researcher (directeur de recherche) at the French CNRS. He is member of the Lise CNRS research unit in Paris at the Conservatoire National des Arts et Métiers. He is a specialist of comparative policy analysis, specifically in the domains of welfare and care regimes, as well as labour market and training policies in Europe. Interested in the methodological challenges globalization poses to the comparative analysis in the social sciences, he has recently focused on multiscalar comparative approaches. He was recently fellow at the department of social sciences at the Humboldt University, Berlin, at the college Re:Work (Humboldt University, Berlin, 2012-2013) and taught at the University of Milano Bicocca (2018, 2019, 2020), Lausanne (1996-2001), at the University of Paris 1

Panthéon-Sorbonne (2005-2006), Paris Dauphine (2001-2006), at the Free University in Berlin (2008-2010) and many years at IDHEAP in Lausanne. He was as well guest researcher at the Wissenschaftszentrum in Berlin (1993-1995, 2007-2009).



### Yasuyuki Gondo (Osaka University)

Yasuyuki Gondo has been studying human aging since he started working at the Tokyo metropolitan institute of gerontology. His study framework is a holistic understanding of human aging from biological, social, and psychological perspectives. His study framework was developed working with researchers having different disciplines. He joined Tokyo centenarian study in 1999. Since then, he interviews more than 500 centenarians and their family members. He is an active member of the International Centenarian Consortium (ICC); a worldwide network studying healthy aging and longevity thought studying centenarians. He started the SONIC study (Gerontological framework longitudinal epidemiological study for older adults) in 2010 as a PI and published more than 30 peer-reviewed articles. He is also involved in a field survey

for a social innovation called community-based social innovation (CBSI) which aims to improve older people's physical and psychological well-being by older people themselves supported WHO. His another project is about the use of care and IT technology in oldest old people and its influence on the well-being. He is also working with several local governments for research purposes.





### Anne-Marie Guillemard (University of Paris)

Anne-Marie Guillemard has been involved in many funded European projects like the European Network of Excellence “Civil Society and New Forms of Governance in Europe” (CINEFOGO), and the European research consortium ASPA “Activating Senior Potential in Ageing Europe” (7thFP). She has been sitting till recently on many editorial boards including *Ageing and Society*, *Hallym International Journal of Aging* (Baywood Publishing Company). Her work on cross-national comparisons of welfare policies, pension systems and prolonging working life is widely recognized. Her main research areas are sociology of the life course, sociology of ageing and welfare states reforms. Her research focuses on questions related to age and employment, public and entrepreneurial age management policies, the generational contract and

reforms of the welfare states. She is currently working on longevity and its worldwide multidimensional impacts on developed and developing societies. She recently edited a collective book about this question (2017). The chapter she wrote for this book, titled *The longevity revolution: Rethinking social meaning of age, social time and intergenerational solidarity* appeared (2019) in a Japanese translation from French in an academic Japanese Journal. One of her main book contributing to the understanding, in a cross-national perspective (including Europe, USA and Japan), of how societies could adjust to population ageing (Armand Colin 2010) has just been translated from French to Japanese and published (2019) by Minerva, Kyoto.



### Boris Hauray (INSERM)

Boris Hauray is a sociologist at INSERM (French National Institute for Health and Medical Research), member of the Institute for Interdisciplinary Research on Social Issues (IRIS). His research investigates the social and political dimensions of health innovations. His work has focused on medicines licensing, the regulation of embryo research, anti-aging therapies, conflicts of interests and robots. He has notably published *L'Europe du médicament* (Presses de Sciences Po) and co-edited *Santé Publique. L'état des savoirs* (La Découverte) and *Conflict of Interest and Medicine* (Routledge).



### Helena Sumiko Hirata (Paris 8 University)

Helena Sumiko Hirata is research director emerita at French National Center for Scientific Research (CNRS) and associate professor at Sociology Department, University of Sao Paulo, Brazil. Main research topics: Sociology of employment, work and gender; globalization and sexual division of labour; care and care labour in a comparative perspective. Her main publications are: *The Sexual Division of Labour Re-examined*, with D. Kergoat, (edited by) J. Jenson, J. Laufer, M. Maruani, *The Gendering of Inequalities: Women, Men and Work*, Aldershot, Burlington/Ashgate, 2000, p. 69-79; *Dictionnaire critique du féminisme* (ed.) With F. Laborie, H. Le Doaré, D. Senotier. Paris: PUF, 2000, 2nd ed. Paris: PUF, 2004 (Japanese transl., Tokyo: Fujiwara Shoten, 2002); *Être chômeur à Paris, São Paulo, Tokyo*, with D. Demazière, N.Araujo Guimarães, K. Sugita, Paris, Presses de Sciences Po, 2013; *Le care: théories et pratiques*, Paris: La Dispute, 2021 (to be published).



### Miwako Honda (Tokyo Medical Center)

Miwako Honda is Director of General Medicine at the National Hospital Organization Tokyo Medical Center in Japan since 2011, and also Director of Geriatric Research Center since 2014. She has recently published the following publication: “The effect of a multimodal comprehensive care methodology for family caregivers of people with dementia” (Kobayashi M, Honda M. 2021), “Technical Challenges for Smooth Interaction With Seniors With Dementia: Lessons From Humanity” (Sumioka H, Shiomi M, Honda M, Nakazawa A. 2021) and “The effect of Humanity care methodology on improving empathy: a six-year longitudinal study of medical students in Japan.” (Fukuyasu Y, Kataoka HU, Honda M, et al. 2021). She is also a Visiting

professor at Asahikawa Medical College and Visiting lecturer at Okayama University and Nagasaki University.



### Nao Kinoshita (Ministry of Health, Labour and Welfare in Japan)

Nao Kinoshita is a civil servant of the Ministry of Health, Labour and Welfare in Japan. As a policymaker, she was involved in expanding and diversifying the conditions for acceptance of foreign workers, promoting education and training for job seekers and employees who aim to improve their skills, reforming medical care for the elderly, and the amendment of the Long-term Care Insurance Law, introducing a “community-based comprehensive care” scheme, in which elderly people can continue to live in their homes even if they need long-term care or medical care. She is currently working in HR and driving organizational reform. Nao Kinoshita studies migration, with a focus on Japanese Brazilians and their descendants in Japan. She is an associate

researcher of the Fondation France-Japon de l'EHESS and a member of the Japan Association for Migration Policy Studies. Nao Kinoshita is a policy advisor for the nonprofit organization Sodateage-Net and provides employment support and consultations for young people in socio-economically difficult situations such as those classified as “NEET” and “hikikomori” (acute social withdrawal).



### Naonori Kodate (University College Dublin)

Naonori Kodate is Associate Professor in Social Policy at University College Dublin, Ireland (UCD) and founding Director of UCD Centre for Japanese Studies. He holds a PhD in Political Science (LSE, UK). His research covers comparative public policy, and science, technology and society (e.g. the use of eHealth), patient safety, and gender equality in STEM. He is currently the Principal Investigator of a Toyota Foundation-funded international research project “Harmonisation towards the establishment of Person-centred, Robotics-aided Care System (HARP: RoCS)”. He is on the Board of Directors for the Future Technologies for Integrated Care Research Network, Japan. He is affiliated with Public Policy Research Centre, Hokkaido University; la Fondation France-Japon de l'EHESS; UCD Centre for Interdisciplinary Research Education and

Innovation in Health Systems; and the Institute for Future Initiatives, the University of Tokyo.



### Sébastien Lechevalier (EHESS-FFJ)

Sébastien Lechevalier is an Economist and a Professor at EHESS (School of Advanced Studies in the Social Sciences, Paris), specialised in Japanese economy and Asian Capitalisms. He is also founder and president of the Fondation France-Japon de l'EHESS (FFJ). He has been a Visiting Professor at the University of Tokyo, Kyoto University, Hitotsubashi University, Waseda University and Doshisha University.



### Prisca Lucas (Gérond'if)

Prisca Lucas is currently Senior Project Manager at Gérontopôle Ile-de-France (Gérond'if) and is in charge of implementing and evaluating clinical researches carried out in geriatrics and gerontology. Prior to joining Gérond'if, she focused on assessment of frailty and determinants of the loss of autonomy in at risk elderly subjects. In addition, she spent more than 2 decades in the pharmaceutical industry in R&D where she led teams in design and initiation of large global multicentric phase 2 and 3 studies in Neuroscience. She has contributed to the integration of Japan into the global clinical program in Alzheimer's disease. Prisca is Pharmacist by training and earned her PhD in Pharmaceutical Sciences at the University of Antwerp & Institute of Tropical Medicine (Antwerp-Belgium). She also holds an international MPH with a

major concentration in Social & Behavioral Sciences in Public Health (EHESP, Paris Campus).



### Atsushi Nakazawa (Kyoto University)

Atsushi Nakazawa is an associate professor in the Department of Informatics at Kyoto University. He received his doctorate from the Osaka University in 2001 in Systems Engineering. Afterward, he worked in Institute of Industrial Science, the University of Tokyo and then in Cybermedia Center, Osaka University. From 2013, he joined the Kyoto University. During 2007 to 2008, he studied in Georgia Institute of Technology (GaTech), GVU Center, as a visiting researcher, and worked with Professor James M.Rehg and Professor Irfan Essa. In 2010, he was awarded the Precursory Research for Embryonic Science and Technology (PRESTO), Japan Science and Technology Agency (JST) and become a researcher of this program. From October 2017, he becomes a program investigator (PI) of the JST CREST project "Computational and cognitive neuroscientific approaches for understanding the tender care". His research interests are in human behavior/mental analysis using computer vision, eye tracking, eye imaging and motion capture systems. Atsushi Nakazawa got the best paper award in International Conf. on Virtual Systems & Multimedia (VSMM2004) and Japan Robotics Society (RSJ). In 2016, his paper is selected as a 'Spotlight on Optics' from Optics Society America (OSA). His recent interest are the corneal reflection and bio-signal analysis for affective computing.



### Toshiyuki Ojima (Hamamatsu University School of Medicine)

Toshiyuki Ojima is the Chair and Professor of Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Japan. After his carrier as a general physician and a director of a public health center, he has worked in medical schools in the field of public health and epidemiology. He has been involved in research about health expectancy, and was a member of Joint Action European Health and Life Expectancy Information System (JA-EHLEIS) (2012-2014). Moreover, he has been conducting research on long-term care prevention as a member of Board of Japan Agency for Gerontological Evaluation Study (JAGES). His current study field include disaster preparedness and COVID-19 measures in public health centers and local governments. He is a President of Tokai Public Health Association, former President of Japan Society for Mixed Methods Research, Board member of Japan Epidemiological Association, and Board member of Japanese Society of Public Health.



### Jean-Marie Robine (INED, INSERM, EPHE)

Jean-Marie Robine is an Emeritus Research Professor at INSERM, the French National Institute of Health and Medical Research (INSERM), within the CERMES3 Research group in Paris and the MMDN Lab in Montpellier where he heads the research team Biodemography of longevity and vitality. He is also an Emeritus Professor at the advanced school École pratique des hautes études (EPHE) in Paris. He studies human longevity, with the aim of understanding the relations between health and longevity. In particular, he measures the impact that the increase in adult life durations may have on the health status of the elderly population. In his most recent work, he takes into accounting the climate changes. Since its creation in 1989, he has been the coordinator of the International Network on Health Expectancy (REVES), which brings together more some 200 researchers worldwide. He is co-responsible for the development of the International Database on Longevity (IDL) in association with the Max Planck Institute for Demographic Research (Rostock) and INED (Paris). He is the project leader of the healthy longevity project granted by AXA Research Fund: the Five-Country Oldest Old Project (5-COOP). He is also advisor to the Director of INED, the French National Institute on Demographic Studies (INED) on longevity and ageing issues. He was the project leader of the European Joint Action EHLEIS (2011-2014) which provided analysis of disability-free life expectancies in the European Union and part of the BRIDGE-Health project (2015-2017) which aimed to prepare the transition towards a sustainable and integrated EU health information system. He was one of the Directors of the French Research Consortium on ageing and longevity (GDR CNRS 3662, 2014-2017) which prepared the way for ILVV, the French Institut de la Longévité, des Vieillesse et du Vieillissement.





Anne-Sophie Rigaud (Université de Paris, AP-HP)

Anne-Sophie Rigaud (MD, PhD in Neurosciences) is a geriatrician and a psychiatrist. She is a Professor in Geriatrics at Université de Paris. She heads the Geriatric Department in Broca Hospital and the Memory Centre of Resources and Research for Alzheimer Disease in Ile de France (Broca Site). She is also responsible for the French National Centre of Expertise for Cognitive Stimulation using Technical Aids (CEN STIMCO) and a Research Unit dedicated to Alzheimer's disease: risk factors, treatment and support for patients and their families at the Université de Paris. Anne-Sophie Rigaud has expertise in geriatrics and gerontechnology. She has established the Broca Lusage Living lab (LL), which is specialized in the use

of technologies for healthy and cognitively impaired older adults. She has been involved in National and European collaborative projects in robotics and virtual reality for older adults for more than 15 years. She is co-author in 250 publications in peer-reviewed journals including 175 publications indexed in PubMed.



Yasuhiko Saito (Nihon University)

Yasuhiko Saito is a Professor at the College of Economics and the Deputy Director of Population Research Institute at Nihon University, Tokyo, Japan. His specializations are in demography and gerontology, and he has been working on population aging and health issues in both developed and developing countries. Currently, he is running a nationally representative longitudinal surveys on aging and health in the Philippines and Vietnam.



Katsunori Shimohara (Doshisha University)

Katsunori Shimohara is graduated from Kyushu University, Fukuoka, Japan, in 1978. From 2001 to 2006, he was Director of the Network Informatics Labs and the Human Information Science Labs, Advanced Telecommunications Research Institute (ATR) International, Kyoto, Japan. He is currently a Professor at the Department of Information Systems Design, and at the Graduate School of Science and Engineering, Doshisha University, Kyoto, Japan. His research interest includes creative and imaginative communications between not only humans but also humans, tangible and intangible artifacts by using evolutionary computation and technology. He is now working on system design of community focusing on relationality that people naturally generate through interactions between other people, tangible and intangible things in

community, boundary and relationality perspective systems approach to System of Systems, and human robot/agent interactions.



James Wright (The Alan Turing Institute)

James Wright is a Research Associate at The Alan Turing Institute, the UK's national institute for data science and AI, where he works on PATH-AI: Mapping an Intercultural Path to Privacy, Agency, and Trust in Human-AI Ecosystems, a joint project with RIKEN, Japan's largest comprehensive research institution. The project studies the values of privacy, agency, and trust from a comparative and intercultural perspective looking at both Japan and the UK, with an initial focus on digital contact tracing apps used during the COVID-19 pandemic. His PhD in anthropology and science and technology studies (STS) at the University of Hong Kong, completed in 2018, looked at the development and attempted implementation of care robots in Japan, and involved 18 months of ethnographic fieldwork in Japan. This work formed the basis of

his upcoming book, due to be published in 2021 by Cornell University Press. Before joining The Alan Turing Institute, James Wright was a Research Associate on the Sustainable Care programme at the University of Sheffield, where he examined how digital technologies are transforming adult social care in the UK, and what potential they hold for the future. He was also a postdoctoral fellow at the Fondation France-Japon, part of the École des Hautes Études en Sciences Sociales (EHESS) in Paris, where he worked on a comparative study of Japanese and European publicly funded care robot projects.

