



*Report and Self-Evaluation of the Program*  
***Climate Ethics and  
Future Generations***  
***M17-0372:1***



# **Report and Self-Evaluation of the Program Climate Ethics and Future Generations M17-0372:1**

The research program *Climate Ethics and Future Generations* has been asked to evaluate its achievements now that it has been running for a year and five months. Below we explain the main achievements and list the main activities and developments, following the questions posed by Riksbankens Jubileumsfond.

As will be apparent from the report, the program is up and running at full speed. To summarise: We have recruited all the researchers set out in the program application (25 in total); we have recruited nine additional researchers; we have arranged eight workshops<sup>1</sup> and one conference and have had over 70 visiting speakers at the Institute for Futures Studies (IF); the program members have reported 94 scientific presentations and 87 published or forthcoming scientific papers relevant for the program's research questions; we have published one open access anthologies of scientific papers and another one is forthcoming this fall (entitled *Studies on Climate Ethics and Future Generations*); we have had 14 longer research visits to the program; we have had a number of outreach activities, both events arranged by the program and program members participating in other events; and the program's home page [www.climateethics.se](http://www.climateethics.se) has been up and running since spring 2018. The program has also generated eight spin-off projects, three of which have already received funding. We are also happy to report that we met the budget for the first year.

The generous funding by RJ has made it possible for a great number of researchers – both junior and more established – to focus on research and collaboration on questions concerning climate ethics and future generations, and to make IF into an international hub for climate ethics research.

The severity of the ethical problem posed by climate change, in particular for future generations, has only become more evident since the start of the program. For instance, in the IPCC's special report on the impact of 1.5°C warming (published in October 2018), the Panel paints an even gloomier picture than before of the severe impacts of exceeding just the 1.5°C goal. The recent report by the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services also sounded the alarm regarding the widespread loss of biodiversity and species extinction, parts of which are driven directly by climate change.

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<sup>1</sup> One of which has yet to take place (June 10-11).

Therefore, our program is as timely as ever, but the program group has found it important to extend the research in some new directions (more on this below).

## **1. Does the program follow the program plan, or has it changed direction?**

Research-wise, the program follows the program plan as set out in the grant proposal, with the addition of some new research topics (more on this in sections 3 and 8). Organizationally, there have been some changes in personnel and in the organisation of workshops and conferences.

As mentioned above, the researchers listed in the proposal have all been recruited to the program. As expected, due to changes in people's personal and professional circumstances, we have had to make a few changes. In particular, Clare Hayward and Elizabeth Finneron-Burns, both of whom were listed as postdocs in the proposal, have received permanent jobs (at the Arctic University in Norway and Queens University in Canada, respectively), and Martin Kolk received a grant for another project. We are of course happy to see that the junior researchers in the programme are advancing their careers. However, their role in the program thus had to be reduced but we are happy to have been able to keep them on part-time positions (20% employment). To fill the gap, we have recruited three new full-time postdocs (75% funded by the program, 25% co-financed by IF): Julia Mosquera (PhD Reading) to work on the Foundational Value theme, Paul Bowman (PhD CU Boulder) to work on the Climate Justice theme, and Joe Roussos (PhD candidate, LSE) to work on the From Theory to Practice theme described in the program proposal. They join Katharina Berndt Rasmussen and Tim Campbell as post-docs in the program.

In addition, we have recruited two part-time junior researchers to the program, Vuko Andric (PhD Saarland University) and Anders Herlitz (PhD European University Institute) who are both co-financed for full-time positions by other projects, but whose research overlaps with all three themes described in the grant application (Andric's salary is currently completely covered by other projects, while 30% of Herlitz's salary is paid for by the program).

Hence, as envisioned in the program application, we have a large group of postdocs and junior researchers with full-time positions at IF who are also deeply involved in the running of the program (see also below on the program's steering committee). We find this a great strength of the program.

Moreover, we have recruited a part-time (20%, co-financed) economic demographer and development economist, Dean Spears (UT Austin), who together with Kolk will help us answer questions raised in the application—for instance, questions about feasible population outcomes in connection with climate change—as well as provide expertise on the global south (in particular, India).

Finally, we have recruited two senior researchers, Giulia Andrighetto and Karin Bäckstrand, and a new project coordinator, Cecilia Byström, to fill certain needs that we have identified in the program (more on this below).

The members' publication record shows that a great proportion of their time is being devoted to research on the topics that we set out to examine. Many of these papers are collected in our own open access publication, *Studies on Climate Ethics and Future Generations*, the first volume of which will be published in June and the second in the fall of 2019. Other papers will be published in the *Oxford Handbook of Population Ethics*, which is currently being edited by members of the program and is likely to appear in print in 2020.<sup>2</sup> Still other papers are published in internationally recognised journals (such as, e.g., *BJPS*, *Demography*, *Ethics*, *Economics and Philosophy*, *Environmental Politics*, *European Journal of Political Theory*, *Nature Communications*, *Proceedings of the Royal Society*, and *Risk Analysis*, see Appendix 1). The working papers we publish in *Studies on Climate Ethics and Future Generations* will also be sent to internationally recognised journals. As is not surprising at this early stage in the program, many of these papers were conceived and worked on before the program started but many are new, especially those in the working paper series *Studies on Climate Ethics and Future Generations* and the forthcoming papers, and most of them have benefited from discussions at the program's research meetings.

There has been one organisational deviation of note from the original program plan: We have followed a more ambitious schedule of workshops and conferences than originally envisaged. As mentioned above, we have already held seven workshops (see Appendix 2). In addition, we have one workshop coming up in June and another one in December.<sup>3</sup> We also held a three-day kick-off conference in September 2018, collecting the core researchers in the program plus some special invitees, mainly from prospective spin-off projects. At this conference, we became aware of the value for the cohesion of the program to have a yearly

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<sup>2</sup> The work on this handbook started before the program started, and all costs associated with its publication will be borne by Oxford University Press.

<sup>3</sup> These are: “Climate Change and Corrective Justice” (June 10-11, 2019 at IF) and “Incommensurability, Vagueness, Parity, and Other Non-conventional Comparative Relations” (December 6-7, 2019 at IF).

conference for the core researchers. Accordingly, we have planned a second conference of the same type in September 2019. This is a change from the grant proposal.

Bringing program members together on a regular basis for two-day discussions of research and action plans has proven to be highly valuable for the coherence of the program and for facilitating joint work. It has helped create a common sense of purpose and a fruitful exchange of ideas and perspectives, creating the conditions for starting jointly-authored articles and joint sub-projects. Meeting regularly is particularly important in an interdisciplinary program such as ours, since it often takes time and effort to learn to speak each other's disciplinary language and methodology. Hence, we consider these workshops and meeting opportunities to be a crucial investment in the program, especially in the start-up phase, and well worth the extra cost (see the budget section below).

Some of the workshops organised go beyond the 12 workshops that we outlined in the program application. This is a consequence of the more ambitious workshop program we have decided to pursue. Other workshops do not completely overlap with the twelve we outlined in the application. This is natural, not least since new scientific staff have an opportunity to give input on workshop themes. A concrete example of this is the climate justice workshop of June 2019, which, following the hire of Paul Bowman, was changed to look specifically at climatic burden sharing through the lens of corrective justice. However, each of the workshops organised so far was on a topic squarely within one or more of the three themes set out in the grant proposal.

## **2. To what extent has the program already been able to answer its original questions? What are the principal results of the program at this point?**

Although still in an early stage, the program has already generated a number of interesting results. Here are a few examples (we have indicated in brackets which theme the research roughly belongs to):

- Fairbrother, Arrhenius, Bykvist, and Campbell, have conducted the program's first attitude survey in Sweden, Spain, South Korea, and China (which will be presented in "Valuing Future Lives and Policies to Improve Them: Views of the Public in Four Countries"). In brief, the novel idea was to investigate how non-specialists value human population size, and more specifically, population size relative to quality of

life. The survey found that a clear majority of people prioritize quality of life over population size. When asked, a significant proportion of respondents also said that, in general, people should try to have fewer children. More precisely, the survey found that the general public values quality of life more than the number of human lives; is fairly willing, in principle, to make some material sacrifice for the sake of environmental protection; and does not, however, become more willing if made to think specifically about future generations. These basic, initial results gave the team a number of new hypotheses to test. They are now running a more extensive set of survey experiments in the same four countries. (*From Theory to Practice*)

- Greaves (in “The Case for Longtermism”) shows why it is a mistake to assume that policy-makers’ attempts to influence the very long-run future are intractable. This assumption has influenced policy-makers to focus on relatively short-term goals, such as staying below the IPCC’s target of 1.5 degrees above pre-industrial temperatures by 2100. Greaves demonstrates that since most of the value of our actions lies in the very far future (well beyond 2100), and since our current policy decisions can impact the very far future, we ought to choose policies according to their expected impact over the very long run.
- Arrhenius, Budolfson, and Spears (in “Does Climate Change Policy Depend Importantly on Population Ethics?”) show some promising results for population ethics when we restrict the domain of the feasible set. (*From Theory to Practice*)
- Arrhenius and Stefánsson show (in “Population Ethics Under Risk”) that introducing uncertainty into population ethics will not help us avoid the impossibility results that have troubled the area. So these paradoxes are just as problematic for, say, climate policy—which is riddled with uncertainty—as they are for (perhaps abstract or idealized) deterministic policy choices. (*Foundational Value Questions* and *From Theory to Practice*)
- Arrhenius and Mosquera (in “Positive Egalitarianism”) have further developed a view called Positive Egalitarianism. This view is suitable for the evaluation of populations in the context of variable population size, of which climate change is an example, and includes yet another value for egalitarians to care about: the positive value of relations of equality, they argue, should be weighed against the negative value of relations of inequality. (*Foundational Value Questions*)
- Steele and Stefánsson (in “Belief Revision for Growing Awareness”) extend the Bayesian model of learning to situations of growing awareness, and discuss

applications to environmental decision-making, in particular, climate policy. (*From Theory to Practice*)

- Stefánsson shows (in “On the Limits of the Precautionary Principle”) that although it would seem reasonable to show special caution when choosing between climate policies, it is impossible to make the *Precautionary Principle* (as suggested e.g. by UN’s Rio Declaration) precise without making it inconsistent with some compelling rationality principles. (*From Theory to Practice*)
- Duus-Otterström has investigated the relative merits of territory-based and consumption-based emissions accounting. In the paper, “Consumptions-Based Emissions Accounting: The Normative Debate,” he argues that consumption-based emissions accounting would be more just in the current circumstances. However, in “Sovereign States in the Greenhouse,” he notes that consumption-based accounting might be unfair and ineffective due to lack of access to command-and-control policy tools. (*Climate Justice*)
- Duus-Otterström and Page (in “Defeating Immoral Plans”) show that standard formulations of the Beneficiary Pays Principle confuse compensation, restitution, and disgorgement, and in addition fail to clarify the distinctive role beneficiaries of an injustice (as opposed to the perpetrators of the injustice) can play for corrective justice. (*Climate Justice*)
- Bykvist shows (in “Consequentialism, Ignorance, and Uncertainty”) how best to deal with empirical and evaluative uncertainty when one takes a consequentialist approach to decision-making. (*From Theory to Practice*)
- Campbell, Kolk and Mosquera, (in “Pronatalist Policies and Future Generations”) show that given uncontroversial assumptions from demographic theory, if everyone reproduced above replacement levels, then this would quickly produce large inequalities in the opportunity to procreate, with later generations being unable to reproduce at the same rate as earlier generations. This result puts pressure on a common assumption that there is a universal right to reproduce at a rate above the replacement level. (*Climate justice*)

### **3. What new questions have emerged within the program?**

The general research questions of the program, as stated in the proposal, are both broad and ambitious, and have kept us very busy. Nevertheless, new questions have emerged, most



often in connection with the program's workshops, and some of the questions posed in the original proposal have been further refined.

Some new questions/refinements in the *Foundational Value Questions* theme are:

- *Disability and Population Ethics.* Mosquera has started to explore the link between disability and population ethics. Her focus is questions such as 'Is it wrong for a parent to bring into existence a disabled person rather than a non-disabled one?' and 'Is a disabled person harmed by being brought into existence?' Her first results are presented in the paper 'Disability and population ethics', which is forthcoming in the Handbook of Population Ethics.
- *Effect of climate change on non-human animals.* The application noted that global warming would affect both human and non-human animals alike. Nevertheless, how to address the effects of climate change on the non-human animal population was not a central question in the application. We have so far had a presentation on the issue of how to quantify animal wellbeing, by Budolfson and Spears, "Methods for Quantifying Animal Wellbeing and Estimating Optimal Tradeoffs Against Human Wellbeing — And Lessons for Axiology, Including New Arguments for Separability", as part of a workshop. Mosquera will give another presentation on this topic, "Climate Change, Corrective Justice, and Non-Human Animals", as part of the workshop on corrective justice that will take place in June. Finally, a workshop will take place in spring/summer next year with international academics working on this topic.
- *Decision-making under conscious unawareness.* Steele and Stefánsson have started exploring how to choose in situations where one suspects that the outcome of one's choices could be something that one has not yet conceived of, with a special emphasis on environmental decision-making (e.g. climate adaptation). They have signed a contract with Cambridge University Press to write a book on this issue.

Some new questions/refinements in the *Climate Justice* theme are:

- *Intergenerational social contract theory.* The program has developed a special interest in applying so-called social contract theory to the question of intergenerational distributive justice. Social contract theory holds that the source of morality lies in the (actual or hypothetical) agreement among a relevant class of agents. Applying this

perspective to questions of intergenerational distribution has been somewhat neglected, but some claim that it promises to offer a powerful account of justice between generations. This line of inquiry, which is relevant both for Theme I and II in the application, is led by Finneron-Burns and Heyward.

- *Reproductive decisions.* Although the program proposal did not address the issue directly, it is important to think about how reproductive decisions impact the lives of future generations, in particular, in light of climate change. One argument that is normally ignored is that reproducing above replacement levels can lead to intergenerational inequality: future generations might not be able to bring into existence children in the right climate conditions, and some members of future generations might not be able to reproduce at all. Kolk, Campbell, and Mosquera are working on a paper on this issue. The program began to examine this issue during its June 2018 workshop, which in addition to treating intergenerational distributive justice also branched out to look at procreative ethics more broadly.

Some new questions/refinements in the *From Theory to Practice* theme are:

- *Intertheoretical comparisons of value.* When we are uncertain about the value of population changes, it is often useful to model this as an uncertainty about what value magnitudes we should ascribe to the populations. This talk about value magnitudes can be made intelligible by invoking the latest philosophical research on empirical magnitudes in science. Bykvist and Bader have started doing work on value magnitudes, and Bykvist has written two papers on value magnitudes: “Evaluative Uncertainty and Value Magnitudes”, and “Taking Values Seriously”.
- *Managing catastrophic climate risk.* Several scholars have recently voiced skepticism about the suitability of standard cost-benefit analysis based on expected utility theory when the decision being analyzed might result in a catastrophic outcome. Stefánsson has started exploring alternatives to expected utility theory, with a special emphasis on decision-making in response to catastrophic climate risks. Greaves in her important paper “The Case for Longtermism” has laid the foundation for an important research question: are the standard cost-benefit analyses of the damage of climate change inadequate because they fail to account for the potential loss of the value of the long-run future? And if so, how can they be modified to reflect this potential loss?

Finally, several of the program's members have started to explore philosophical and ethical questions about *Integrated Assessment Models* (IAMs, the development of which William Nordhaus received the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel 2018). We started exploring these questions because of a workshop that took place in Paris in March 2019, which was organized in collaboration with our colleagues at the Paris School of Economics and the Climate Future Initiative at Princeton University. We have also established contact with the environmental economist Thomas Sterner (University of Gothenburg), a well-known expert in the area, who visited IF in May and gave a talk on IAMs.

In particular, we have been looking at ethical questions concerning the positive discount rate used in IAMs, which reduces the value of a unit of consumption the further into the future that the consumption occurs. This question was mentioned under part II of the original application (intergenerational climate justice), but it did not play a prominent role. We are now focusing explicitly on it. Moreover, we have started exploring questions about how best to account for the most catastrophic – but also the least likely – climate outcomes in IAMs.

The newly appointed postdoc, Roussos, will devote part of his time on studying different philosophical issues in IAMs. In addition, Roussos will explore the feasibility and efficacy of so-called climate clubs. The idea behind these clubs is that a group of countries commits to limiting GHG-emissions and collectively penalises both those not belonging to the club as well as club members who break their promises, for instance, through trade barriers or tariffs.

#### **4. How is the program internationally anchored?**

Since this program is highly international, it connects to the international research community through the way it is constituted. When both core members and affiliates are included, the program contains people working in Sweden, UK, US, Austria, Norway, Canada, Belgium, Germany, Spain, France, Denmark, and Australia. Many of these researchers had extensive international networks even before the program started. The program has been able to connect different researchers' pre-existing networks and has helped add new members to these networks, particularly through our various workshops (most of

which have included some academics external to the program, in addition to the program's members and affiliates).

To take a few examples: Through program member Stéphane Zuber, a connection has been made to researchers in Paris, for instance, through the workshop "Integrated Assessment Models and Ethics" that took place in March this year and was jointly organised by the Paris School of Economics and IF. Through program member Marc Fleurbaey, the program has strengthened ties to the Climate Future Initiative at Princeton University. The program has also made connections to a newly established centre on sustainable energy at the Arctic University in Norway through program member Clare Heyward. Both PI Gustaf Arrhenius and co-PI Krister Bykvist have visited the Australian National University for extended time-periods, where program members Katie Steele and Geoffrey Brennan are based. The program's connection to the University of Warwick strengthened through a prolonged visit to IF by program member Ed Page. Julia Mosquera and Arrhenius have visited Serena Olsaretti's ERC Program Family Justice and Procreation (Barcelona) several times. Finally, IF's and the program's connections to the University of Oxford have been further strengthened through several program researchers visits to Oxford's Global Priorities Institute, which is directed by program member Hilary Greaves.

A further way that the program is internationally anchored is, naturally, that members present their work at international workshops and conferences and publish the majority of their work in internationally recognised journals (see above and Appendix 1 for more details.)

Finally, as part of our attempt to make the program and IF the leading hub for climate ethics research, the program has hosted a number of international visitors to Stockholm, for both long and short stays. Naturally, this include the core researchers in the program based abroad - all of them have visited IF during the first period of the program, most of them several times or for long periods (up to a term). The program have also hosted a number of other visitors such as, for example, Dean Spears (Economist/demographer and now a member of the program, USA), Margaret Moore (political theorist, Canada), Bob Goodin (political theorist, Australia), Kimberly Nicholas (sustainability scientist, Lund, now involved in a spin-off project from the program), Megan Blomfield (philosopher, UK), Iwao Hirose (philosopher/economist, Canada), Serena Olsaretti (political philosopher, Spain), Mark Jaccard (economist, Canada), Megan Mullin (environmental political scientist, US), Rachael Shwom (human ecologist, USA), and Linda Steg (psychologist, Netherlands).

## **5. What is the publication strategy of the program? What types of publications will the program generate? How will open access be secured?**

Three strands in the academic publication strategy are worth mentioning. First, as mentioned above, program members publish most of their work in internationally recognised journals. Second, IF is publishing volumes of pre-print articles, that is, articles that will later be sent to peer-reviewed journals. This ensures that a majority of the articles will exist in open access format and will be available for download at the program's website [www.climateethics.se](http://www.climateethics.se). Third, some program members are editing the *Oxford Handbook of Population Ethics*, which contains articles by program members but also by additional invited scholars. We have also started planning a handbook on climate ethics that Oxford University Press has shown an interest in publishing.

In addition to these academic publications, program members have produced various more popular pieces, for instance, in podcasts and in IF's own journal *Framtider*, which is freely available on IF's website (see, for example, the last issue which is focused on climate change: <https://www.iffs.se/publikationer/framtider/innehall-i-framtider-20192/>). Finally, the documentary filmmaker Staffan Julén is preparing a series of short films about climate ethics, which are funded by IF and will be distributed both through IF's and the program's websites.

## **6. At which conferences has research from the program been presented?**

The events at which research from the program has been presented can be grouped into the following categories:

- *Internal conferences and workshops*: Kick-off Conference (September 27-29, 2018 at IF), "The Size of Current and Future Generations and Climate Change" (May 23, 2018 at IF), "Climate Impact Measures" (June 13, 2018 at IF), "Justice and Future Population Size" (June 25-26, 2018 at IF), "Population Ethics and Uncertainty" (December 7-8, 2018 at IF), "Sharing the Burden? Public Values, Attitudes and Preference about Climate Change" (February 21-22, 2019 at IF), "Integrated

Assessment Models and Ethics” (March 28-29, 2019 at the Paris School of Economics), “Severe Uncertainty and Climate Policy” (April 25-26, 2019 at IF), “Corrective Justice and Climate Change” (June 10-11, 2019 at IF).

- *External workshops and conferences:* Here we can mention examples such as the Stockholm Oxford Law Symposium (Oxford), World Congress of Environment and Resource Economists (Gothenburg), ANU-Humboldt-Princeton Summer Institute on Practical Normativity (Canberra), Australian Association of Philosophy Conference (Wollongong), Conference in Honour of Derek Parfit (Oxford), Rocky Mountain Ethics Congress (Boulder), Evaluating Extreme Technological Risk (Cambridge), Nordic Network for Political Theory (Roskilde), Aarhus-Oslo workshop in political theory (Aarhus), Oslo-Gothenburg workshop in political theory (Oslo), Association of Social and Political Philosophy Annual Conference (Newcastle), The 14th Meeting of the Society for Social Choice and Welfare (Seoul), Intergenerational Justice and Rights and Duties of Procreators (Barcelona), Population and Procreative Ethics (Princeton), Population, Public Policy and Climate (New Orleans), Economics of catastrophic risk (Oxford), Attitudes to Risk (Jerusalem), Ethics and Risk (Canberra). See Appendix 1 for additional workshops and conferences.
- *Invited talks at various universities and research institutes,* such as: Australian National University, Oxford University, New University Lisbon, Uppsala University, Stockholm University, Hamburg University, University of Oslo, Universite Paris-Est Cretail, University of East Anglia, Lund University, Adelaide University, Hebrew University of Jerusalem, Universita Pompeu Fabra, University of Gothenburg, Catholic University of Central Africa, Harvard University. See Appendix 1 for additional workshops and conferences, as well as the dates of the abovementioned talks.
- Non-academic presentations, for instance, at Kungliga Vetenskapsakademien, Almedalen, Tensta Konsthall, IPCC, Norwegian Academy of Science and Letters, Forskardagarna, Hållbarhetsforum, the Institute for Futures Studies, Swedish Parliament (see Appendix 1 for further information).

## **7. How has the program been integrated within the respective research environments?**

The program is very well-integrated in the current research environment at the Institute for Futures Studies (IF). Our ambition from the start has been, with the help of the program, to make IF the world's leading hub for climate ethics research, broadly conceived, and we have already seen this effect. At the various events that have been organised at IF, the program has raised the interest of, and has benefitted from the inputs of, IF researchers that are not part of the program. Researchers at IF have been able to expand their international networks thanks to the various visitors that the program has attracted to IF (as detailed above). These visitors have made a very positive contribution to IF's general research environment. We are now also seeing researchers, both from Sweden and from abroad, coming to IF on their own steam (e.g., shorter visits and longer sabbaticals and research leaves) because of IF's high profile in climate ethics research made possible by the program.

The program has both complemented and benefitted from extant research programs at IF. One example is the program on the Boundary Problem in Democracy, which investigates how to better represent future people's interests in democratic decision making. Another example is Giulia Andrighetto's Wallenberg Academy Fellowship, which concerns coordination problems in responses to climate change. Finally, the spin-off projects from the program (see below) greatly enrich the scientific environment at IF and strengthened its position as a world-centre for climate ethics research.

The research environment in and around Stockholm, in particular the communities at Stockholm University and Uppsala University, has greatly benefitted from the program's existence. For instance, the program's postdocs at IF have given several talks at both of the aforementioned universities and have collaborated on papers with non-program members at these universities. Moreover, the workshop in Paris in March drew on the research of people both working in Paris and in the abovementioned Princeton group, both in the form of feedback on these people's research as well as in the form of creating collaborative opportunities. The Global Priorities Institute in Oxford has benefitted from collaboration with and visits from program members (as mentioned above) and the Australian National University has likewise benefitted from exchanging visitors through the program (as detailed above).

## **8. Which spin-off effects has the program generated?**

One of the great effects of the program is that it has generated several exciting spin-off projects. These are in the form of related projects that (a) have already received funding, or

(b) have applied for funding, or (c) form the basis of grant applications currently being written.

The following spin-off projects have already received funding:

- Kirsti Jylhä has received funding from the Swedish Research Council for a project entitled “Examining and overcoming psychological barriers to climate action.” This interdisciplinary project empirically investigates two barriers to climate action (climate denialism and resistance to behavioral changes) in four countries and develops communication frames that would increase engagement in climate action.
- Orri Stefánsson has received a *Pro Futura Scientia* fellowship from the Swedish Collegium for Advanced Study (financed with a generous grant from RJ) for a project on “Decision-Making at the Extreme”, which largely consists in examining how to rationally respond to the risk of climate catastrophes.
- Olle Torpman, Erik Brandstedt and Henrik Andersson have received “seed-money” from Forte to prepare a larger project application called “Population and Sustainable Development Goals”, in collaboration with Kimberly Nicholas (Sustainability scientist, Lund). The project investigates an often-neglected obstacle to achieving the UN’s Sustainable Development Goals, namely, population growth.

Funding has been sought for the following spin-off projects, but funding decisions have not yet been made public:

- Olle Torpman, “Conservatism and Climate Change”. Taking as starting point the fact that many of those who object to actions to combat climate change base their objections on an ideology of conservatism, this project seeks to clarify the ethical principles of conservatism and examine what these principles imply for climate action.
- Anders Herlitz has reached the second stage for an ERC starting grant. His project examines some climate ethics issues that have been generated by the program. In particular, Herlitz will study how comparability problems and incompleteness can help reconcile the need for universal substantive normative principles with the desirability of self-determination in the context of social choice, in particular social choice about the distribution of scarce public resources.



- Ander Herlitz, Timothy Campbell, and Mark Budolfson have applied for funding for a project that examines the impact of climate change on the risk of heat-related mortality and morbidity. This project aims to address limitations in the existing research on this topic by developing a global evaluation framework for the analysis of temperature-related excess mortality under different climate change scenarios.
- The artist-duo Biger & Bergström have, in collaboration with IF, applied for a Formas communication grant for a project entitled *Tipping points*, which visualizes the climate's vulnerability to seemingly small changes.

The following projects are in the planning process, but funding applications are yet to be submitted:

- Krister Bykvist and Karsten Klint Jensen explore the possibility of applying for funding for a project on coordination problems in our responses to climate change. The project would focus on central questions such as: “Do groups, and not just individuals, have obligations to respond to climate change?”, “When, if at all, does an individual member of a group have an obligation to do her part in the best group action?”

## **9. How has the work within the program functioned? How is the program kept together?**

The program has mostly functioned through collaboration and meetings at IF with visits from the researchers based abroad, but also through the IF-located program members' visits to other universities and research institutes. The program has been kept together through the members' close and frequent interactions, which, as described above, have been more frequent than originally envisioned, partly through a more ambitious workshop schedule than described in the program application.

Although this is an international program with members spread all over the world, our ambition from the start has been to make IF the hub for internationally leading research in climate ethics. We believe that we have already achieved this aim. Program members have regularly met at IF, during visits and in the workshops and conference that have been organised, and we have received a large number of visitors related to the program (see above for more details).

One example that illustrates our approach and method for keeping the program together quite clearly is the “speed-dating” event at the kick-off conference in September 2018. During this conference, most of the program’s core members gathered for three days in Stockholm. Krister Bykvist there ran an event aimed at matching potential collaborators, which was set up as follows. First, we asked participants to explain what they had previously been working on and what they planned to work on in the program. Then, we held a session where we matched researchers whose research had clear links, suggesting that they collaborate.

Lastly, we have held monthly meetings of the program’s *steering committee* which consists of the PI, co-PIs, the program coordinator, and the postdocs and junior researchers based at IF.

## **10. Economic account: Any deviations from the budget – if so, which and why? Have any funds been transferred to other beneficiaries – if so, which ones?**

As can be seen from Appendix 3, the program’s expenses for 2018 were almost exactly as budgeted, which shows that the program is up and running at full speed. According to the budget estimate for 2019, the program looks to be roughly on budget.

One clear deviation from the budget is that more money has been spent on travelling and workshops than was budgeted for: In the budget for 2018, we asked for 298 597 SEK for travel, but we actually spent 773 567 SEK.<sup>4</sup> For 2019, we again budgeted 298 597 SEK for travel, but already in the first quarter of 2019, we spent 227 021 SEK on travel. A small part of this is due to travel by members at IF, but mostly it is due to travel to Stockholm by project members and associates based elsewhere in connection with visits and workshops/conferences.

In the program application, we only planned for 12 workshops for the whole duration of the program, but we have already organised eight workshops (one of which takes place before mid-June). As explained above, we think that investing in the cohesion of the program at this early stage is well worth the cost, and we believe that face-to-face interaction is

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<sup>4</sup> All flights by program members and affiliates use carbon offset according to the highest standard when booked by IF.

essential for establishing cross-disciplinary collaboration, where researchers often have to learn the languages and methodologies of other disciplines.

## **11. What are the strengths and weaknesses of the program thus far?**

### **What are the challenges for the remainder of the program?**

The main strengths of the program are detailed above, but below we summarize the main strengths, as we see them:

- *World Leading Hub:* The program has made IF the world's leading hub for climate ethics research. We are now also seeing researchers coming to IF on their own funding (e.g., shorter visits and longer sabbaticals and research leaves) because of IF's high profile in climate ethics research made possible by the program.
- *International network:* We have already managed to create a large yet tight international network of researchers working on issues concerning climate ethics and future generations. This has partly been achieved by connecting pre-existing networks and partly by reaching out and adding new researchers to the members' combined network.
- *Interdisciplinary collaboration:* The program has managed to create collaborations among scholars from different fields. For instance, we have philosophers, economists, demographers, sociologists, and political scientists collaborating on papers and sub-projects, which is no small feat given the stubborn institutional barriers that have historically existed between these disciplines.
- *Research:* The senior researchers have published high quality papers in highly regarded journals in their fields. Moreover, the more junior researchers have managed to kick-start their careers, with high quality papers in leading journals, both by themselves and in joint work with the more senior members of the program.
- *Spin-offs:* The program is that it has generated several exciting spin-off projects, some which have already received funding, some which for funding has been applied, and some for which grant applications are currently being written.
- *Recruitment:* We have had great success in recruiting talented young researchers, both as full-time postdocs, and as part-time researchers who are co-financed by other projects or other institutions.

Before discussing the weaknesses of the program, we would like to mention some continuous challenges we have been grappling with:

- Although we have already succeeded in creating collaborations of different types over disciplinary boundaries, it is always a challenge to get people across these boundaries to collaborate on co-authored journal articles. We continually try to foster such and other collaborations by explicitly asking our members to collaborate across disciplinary boundaries and by creating opportunities for such collaborations (e.g., through the “speed-dating” event described above).
- Since many of our researchers are quite young and have or are expecting young children, we have had to be flexible both when it comes to the organisation of visits by program members based abroad as well as in the scheduling of our workshops. For instance, we have tried to fit the workshops and visits so that they do not conflict with parental leave and by encouraging some visitors to bring their families.

The weaknesses that we have identified are the following:

- A program of this size needs an excellent program coordinator with experience of scientific administration. Therefore, we have recruited Cecilia Byström (from the Karolinska Institute) to replace our first program coordinator. She will start working as a full-time program coordinator at IF in August 2019 and will devote 50% of her time coordinating the program. In addition, she will have Orri Stefánsson as a part-time Academic Administrative Advisor to help with the researcher’s perspective on the coordination of the program.
- There are three topics that were not part of our application but that we now believe should be addressed in collaboration with the program: (1) how to coordinate action to combat climate change, (2) governance and climate policy; (3) and the psychology of climate change denial. As described above, Bykvist and Klint-Jensen are planning to explore the first of these topics, and Giulia Andrighetto has been affiliated to the program to work on this issue in connection with her Wallenberg project. The political scientist Karin Bäckstrand has been recruited to work on the second topic and to enable cooperation with her Legitimacy in Global Governance program.

Finally, the psychologist Kirsti Jylhä has been recruited to work on the third topic in a spin-off project connected to the program (see above).

- Finally, we would like to see a better gender balance at the program's activities. We have tried to address it by, for instance, giving priority to workshop dates when female program members can participate and by recruiting new women to the program (as detailed above). Still, we must continue to be pro-active regarding this issue.

## Appendix 1: Research and Outreach

### A. Research Publications by the Program's Researchers

Notice that this is a selection of the program members' publications from 2018 and forward (including forthcoming papers) that are relevant to the research questions in the program. As is not surprising at this early stage in the program, many of these papers were conceived and worked on before the program started but many are new, especially those in the working paper series Studies on Climate Ethics and Future Generations and the forthcoming papers, and most of them have benefited from discussions at the program's research meetings.

- Andric, V. (forthcoming). Consequentialism and robust goods. *Utilitas*.
- Andric, V. (forthcoming). Hedonism, desirability and the incompleteness objection. *Thought*.
- Arrhenius, G. (2018). Climate change, risk, and population. In *Global Warming, Global Ethics*. Shiizukobundoshobo Co. Ltd.
- Arrhenius, G., & Campbell, T. (2018). The problem of optimal population size. In International Panel on Social Progress (IPSP). (ed.). *Rethinking Society for the 21st Century*. Cambridge University Press.
- Arrhenius, G. (forthcoming). Population paradoxes without transitivity. In Arrhenius G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). *Oxford Handbook of Population Ethics*. Oxford University Press.
- Arrhenius, G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). (forthcoming 2020). *Oxford Handbook of Population Ethics*. Oxford University Press.
- Arrhenius, G., Budolfson, M., & Spears, D. (forthcoming). Does climate change policy depend importantly on population ethics? Oxford University Press.
- Arrhenius G., and Mosquera J. (2019). Positive egalitarianism. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. 1*. Working paper series. Institute for Futures Studies.
- Bäckstrand, K., Zelli, F., & Schleifer, P. (2018). Legitimacy and accountability in polycentric climate governance. In Jordan, A. et al. (eds.). *Governing Climate Change. Polycentricity in Action*. Cambridge University Press.
- Bäckstrand, K., Tallberg, J., & Scholte, J. (2018). *Legitimacy in Global Governance: Sources, Processes and Effects*. Oxford University Press.
- Bäckstrand, K. & Nasiritousi, N. (2019). International climate policy in the post Paris era. *Nordic Environmental Policy Review*.
- Berndt Rasmussen, K., & Algander, P. (2019). Asymmetry and non-identity. *Utilitas*, 1–18.
- Bowman, P. (2019). On the alleged insufficiency of the Polluter Pays Principle. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Broome, J. (2018). Efficiency and future generations. *Economics and Philosophy*, 34 (2), 221-241.

- Broome, J. (2019). Against denialism. *The Monist*, 102 (1), 110-129.
- Broome, J. (2019). Climate change and value. *The Monist Special Edition*.
- Broome, J. (2019). Lessons from economics. In White, M. D. (ed.). *Oxford Handbook of Ethics and Economics* (pp. 585-608). Oxford University Press.
- Broome, J. (forthcoming). Loosening the betterness ordering of lives: A response to Rabinowicz. In Arrhenius, G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). *Oxford Handbook of Population Ethics*. Oxford University Press.
- Broome, J. (2019). Philosophy in the IPCC. In Brister E., & Frodeman, R. (eds.). *Philosophy for the Real World*.
- Bykvist, K. (2018). Some critical comments on Zimmerman's *Ignorance and Moral Obligation*. *Journal of Moral Philosophy*, 15(4), 383-400.
- Bykvist, K. (forthcoming). Consequentialism, ignorance, and uncertainty. In Portmore, D. (ed.). *Oxford handbook on consequentialism*. Oxford University Press.
- Bykvist, K., MacAskill, W., & Ord, T. (2019). *Moral uncertainty*. Oxford University Press.
- Bykvist, K. (forthcoming). Evaluative uncertainty and population ethics. In Arrhenius, G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). *Oxford Handbook of Population Ethics*. Oxford University Press.
- Bykvist, K. (2019). Person-affecting and non-identity. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. II. Working paper series. Institute for Futures Studies*.
- Bykvist, K., & Campbell, T. (2019). Persson's merely possible persons. In Bowman, P., & Berndt Rasmussen, K. (ed.). *Studies on Climate Ethics and Future Generations, Vol. II. Working paper series. Institute for Futures Studies*.
- Bykvist, K. (2019). Moral uncertainty. In LaFollette, H. (ed.). *International Encyclopedia of Ethics*. Wiley-Blackwell.
- Bykvist, K. (2019). Rational decision under radical unawareness. *Rivista Internazionale di Filosofia e Psicologia*.
- Campbell, T. (forthcoming). Personal identity and impersonal ethics. In McMahan, J. (ed.). *Festschrift for Derek Parfit*. Oxford University Press.
- Campbell, T. (2019). The bullet-biting response to the non-identity problem. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I. Working paper series. Institute for Futures Studies*.
- Campbell, T. (2019). Healthcare rationing and the badness of death. In Gamlund, E. & Tollef-Solberg, C. (eds.). *Saving People from the Harm of Death* (pp. 255-266). Oxford University Press.
- Campbell, T. (2019). Review of Meghan Sullivan, *Time Biases: A Theory of Rational Planning and Personal Persistence*. *Notre Dame Philosophical Reviews*.
- Crisp, R. (2018). Against partiality. *Lindley Lecture Series*. University of Kansas.
- Crisp, R., & Kringelbach, M. (2018). Higher and lower pleasures revisited: Evidence from neuroscience. *Neuroethics*, 11(2), 211-215.
- Crisp, R. (2018). Prudential and moral reasons. In Star, D. (ed.). *Oxford Handbook of Reasons and Normativity* (pp. 800-820). Oxford University Press.

- Duus-Otterström, G. (2018). Consumption-based emissions accounting: The normative debate. *Environmental Politics*.
- Duus-Otterström, G. (2018). Fair-play obligations and distributive injustice. *European Journal of Political Theory*.
- Duus-Otterström, G. (2019). Sovereign states in the greenhouse: Does jurisdiction speak against consumption-based emissions accounting. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Finneron-Burns, E. (forthcoming). State pension schemes and the duties of retirees. In Gardiner, S. (ed.). *Oxford Handbook of Intergenerational Justice*. Oxford University Press.
- Finneron-Burns, E. (2019). Review of Diana Coole, *Should We Control World Population?* *Ethics & International Affairs*, 33(1).
- Finneron-Burns, E. (2018). The intergenerational original position. *Social Theory & Practice*, 43(4), 805-823.
- Herlitz, A. (forthcoming). Non-transitive better than relations and rational choice. *Philosophia*.
- Herlitz, A. (forthcoming). Stable and unstable choices. *Economics and Philosophy*.
- Herlitz, A. (2019). Nondeterminacy, two-step models and justified choice. *Ethics*, 129(2), 284-308.
- Herlitz, A. (2019). Nondeterminacy and population ethics. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Herlitz, A., & Hassoun, N. (2019). Climate change and sustainable development: How to think about justice between states and individuals. In Kanbur, R., & Shue, H. (eds.). *Climate Justice: Integrating Economics and Philosophy*. Oxford University Press.
- Herlitz, A., & Andersson, H. (2019). A more plausible collapsing principle. *Theoria*, 84(4), 325-336.
- Huseby, R. (2019). The Luck egalitarian trilemma – Accepting exploitation? *Social Theory & Practice*, 45(1), 1-19.
- Huseby, R. (2018). Should we relinquish or distribute the fruits of injustice? *Journal of Value Inquiry*, 52(2), 213-225.
- Huseby, R. (2018). In or out? On benevolent absolutisms in *The Law of Peoples*. *Journal of Ethics and Social Philosophy*, 13(2), 154-178.
- Kolk, M. (2019). How does birth order and number of siblings affect fertility? A within-family comparison using Swedish Register Data. *European Journal of Population*.
- Kolk, M. (2019). Period and cohort measures of internal migration. *Population*.
- Kolk, M. (2019). Weak support for a U-shaped pattern between societal gender equality and fertility when comparing societies across time. *Demographic Research*, 40, 27-48.
- Kolk, M. (2019). Demographic theory and population ethics—relationships between population size and population growth. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.



- Kolk, M., & Barclay, K. (2019). Parity and mortality: An examination of different explanatory mechanisms using data on biological and adoptive parents. *European Journal of Population*, 35(1), 63-85.
- Kolk, M., & Barclay, K. (2019). Cognitive ability and fertility amongst Swedish men born 1951-1967. Evidence from military conscription registers. *Proceedings of the Royal Society B*. The Royal Society Publishing.
- Kolk, M., Barclay, K., & Molitoris, J. (2019). When birth spacing does and does not matter for child survival: An international comparison using the DHS. *Demography*.
- Kolk, M., & Barclay, K. (2018). Birth Intervals and Health in Adulthood: A Comparison of Siblings using Swedish Register Data. *Demography*, 55(3), 929–955.
- Kolk, M., & Kridahl, L. (2018). Retirement coordination in opposite-sex and same-sex married couples: Evidence from Swedish registers. *Advances in Life Course Research*, 38, 22-36.
- Kolk, M., & Dahlberg, J. (2018). Explaining Swedish Sibling Similarity in Fertility – Parental Fertility Behavior vs. Social Background. *Demographic Research*, 39, 884-893.
- Mosquera, J. (forthcoming). Population ethics and disability. In Arrhenius, G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). *Oxford Handbook of Population Ethics*. Oxford University Press.
- Mosquera, J. (forthcoming). Why inflicting disability is wrong. The Mere Difference View and the causation-based objection. In Cureton, A. & Wasserman, D. (eds.). *The Oxford Handbook of Philosophy and Disability*. Oxford University Press.
- Mosquera, J. (forthcoming). Justicia intergeneracional. In Gonzalez Ricoy, I., & Queralt, J. (eds.). *Manual de Filosofia Politica*.
- Mosquera, J. (forthcoming). Review of Kasper Lippert-Rasmussen, *Relational Egalitarianism: Living as Equals. Utilitas*.
- Page, E. (2018). Environmental justice and sustainability. In Brown, C. and Eckersley, R. (eds.). *The Oxford Handbook of International Political Theory*. Oxford University Press.
- Rabinowicz, W. (forthcoming). Getting personal – The intuition of neutrality re-interpreted. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. II*. Working paper series. Institute for Futures Studies.
- Rabinowicz, W. (2019). Can Parfit’s Appeal to Incommensurabilities Block the Continuum Argument for the Repugnant Conclusion? In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Roberts, M.A. (forthcoming). A post-population ethics reconstruction of *Reasons and Persons* Part IV. In Sauchellie, A. (ed.). *Parfit's Reasons and Persons: An Introduction and Critical Inquiry*. Routledge.
- Roberts, M.A. (forthcoming). Boonin and nonidentity: Too narrow on the facts? Too narrow on the theory? *Law, Ethics and Philosophy*, Symposium Issue.
- Roberts, M.A. (forthcoming). The better chance puzzle and the value of existence: A defense of person-based consequentialism. In Arrhenius, G., Bykvist, K., Campbell, T., & Finneron-Burns, E. (eds.). *Oxford Handbook of Population Ethics*. Oxford University Press.

- Roberts, M.A. (2019). Does the additional worth-having existence make things better? In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Roberts, M.A. (2019). The nonidentity problem. *The Stanford Encyclopedia of Philosophy*, Zalta, E. (ed.). Available: <https://plato.stanford.edu/entries/nonidentity-problem/>
- Spears, D., & Budolfson, M. (forthcoming). Population momentum, population ethics, and the prospects for fertility policy as climate mitigation policy. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. II*. Working paper series. Institute for Futures Studies.
- Spears, D. (2019). *Air: Pollution, Climate Change and India's Choice Between Policy and Pretense*. Harper Collins.
- Spears, D. et al. (2019). The impact of human health co-benefits on evaluations of global climate policy. *Nature Communications*.
- Steele, K. (2019). 'International Paretianism' and the question of 'feasible' climate solutions. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Stefánsson, H.O. (forthcoming). Is risk aversion irrational?. *Synthese*.
- Stefánsson, H.O. (forthcoming). Gambling with death. *Topoi*, special issue on new trends in rational choice theory.
- Stefánsson, H.O. (forthcoming). On the limits of the Precautionary Principle. *Risk Analysis*.
- Stefánsson, H.O. (forthcoming). Reply (reply to published comments on "On the limits of the Precautionary Principle"). *Risk Analysis*.
- Stefánsson, H.O. (forthcoming). Responding to catastrophic risk. *Philosophy Compass*, invited overview article.
- Stefánsson, H.O. (2018). On the ratio challenge for comparativism. *Australasian Journal of Philosophy*, 96(2), 380-390.
- Stefánsson, H.O., & Steele, K. (forthcoming). *Reasoning with Unknown Possibilities*. Cambridge University Press.
- Stefánsson, H.O., & Bradley, R. (2019). What is risk aversion?. *British Journal for the Philosophy of Science*, 70(1), 77-102.
- Zuber, S. (2019). Population-adjusted egalitarianism. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series: Institute for Futures Studies.
- Zuber, S. (2019). Parfit et les économistes: La contribution de Derek Parfit au débat sur la taille optimale de la population. *Revue de Métaphysique et de Morale*, 102, 23-37.
- Zuber, S., & Fleurbaey, M. (2019). Discounting and intergenerational ethics. In Bowman, P., & Berndt Rasmussen, K. (eds.). *Studies on Climate Ethics and Future Generations, Vol. I*. Working paper series. Institute for Futures Studies.
- Zuber, S., & Fleurbaey, M. (2019). The social cost of carbon: Valuing inequality, risk, and population for climate policy. *The Monist*, 102(1), 84-109.

## **B. Research Events and Presentations**

- Arrhenius, G., Keynote speaker at 20th Annual Rocky Mountain Philosophy Conference. Title of presentation: Some Theorems in Population Ethics. Location: University of Colorado Boulder. 2018-03-16.
- Arrhenius, G., Speaker at 3rd Formal Value Theory Workshop, New Problems in Theoretical and Practical Rationality. Title of presentation: Population ethics under risk. Location: University of Colorado Boulder. 2018-03-19.
- Arrhenius, G., Speaker at Intergenerational Justice and the Rights and Duties of Procreators Conference, Title of presentation: Can An Appeal to Rights Solve the Paradoxes in Population Ethics? Location: Universitat Pompeu Fabra, Barcelona. 2018-06-18
- Arrhenius, G. Speaker at The Stockholm Oxford Law Symposium. Title of presentation: Justice at a Distance: Two Challenging Problem. Location: Oxford, UK. 2018-09-07.
- Arrhenius, G. Speaker at Kick-off Conference: Climate Ethics. Title of presentation: Risk, Rights, Democracy, Demography, and Intuitions. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27.
- Arrhenius, G. Speaker at Population Ethics and Uncertainty. Title of presentation: Population Ethics Under Risk. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-07.
- Arrhenius, G. Speaker at Research Ethics Training. Title of presentation: Inequality measures and population change. Location: Rwanda, NIH/Fogarty, Harvard University course, Kigali, Rwanda. 2019-01-17.
- Arrhenius, G. Speaker at MSPT seminars. Title of presentation: Population ethics under risk. Location: Australian National University, Canberra, Australia. 2019-02-15.
- Arrhenius, G. Organizer of IAM Workshop. Location: Paris School of Economics, Paris, France. 2019-03-29.
- Berndt Rasmussen, K. Speaker at Kick-off conference, Climate Ethics and Future Generations. Title of presentation: Discrimination, Democracy, and Future Generations. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-28.
- Bowman, P. Speaker at Seminar for the Climate Ethics Group. Title of presentation: Reflections on the IPCC's Special Report on 1.5 degrees. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-10.
- Bowman, P. Speaker at Kick-off conference Climate Ethics and Future Generations. Title of presentation: Climate Change and Corrective Justice. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-29.
- Bowman, P. Organizer of workshop. Title of workshop: Climate Change and Corrective Justice Workshop. Location: Institute for Future Studies, Stockholm, Sweden. 2019-06-11 – 2019-06-12.

- Bowman, P. Speaker at Climate Change and Corrective Justice Workshop. Title of presentation: The Relevance of Motivations to Wrongdoing for Collectively-caused Harms. Location: Institute for Future Studies, Stockholm, Sweden. 2019-06-11 – 2019-06-12.
- Bowman, P. Commentator at RoME Philosophy Conference. Comments on Andrew Schroeder's (Claremont McKenna College), A Better Foundation for Public Trust in Science. Location: University of Colorado Boulder, Boulder, CO, USA. 2018-08-09.
- Bowman, P. Speaker at Political Science Seminar. Title of presentation: On the Alleged Insufficiency of the Polluter Pays Principle. Location: Uppsala University, Uppsala, Sweden. 2019-03-21.
- Broome, J. Speaker at seminar. Title of presentation: Against Denialism. Location: Australian National University, Canberra, Australia. 2018-03-19.
- Broome, J. Speaker at panel discussion. Title of panel discussion: Discounting costs and benefits for climate policy decisions. Location: Ohio State University, Columbus, OH, USA (remote via online communication). 2018-03-22.
- Broome, J. Speaker at seminar. Title of presentation: Climate change, efficiency and future generations. Location: Hamburg University, Hamburg, Germany. 2018-05-30.
- Broome, J. Speaker at Workshop on climate ethics and climate economics. Title of presentation: Population, separability and discounting. Location: University of Nottingham, Nottingham, UK. 2018-06-13.
- Broome, J. Speaker at Workshop on climate ethics and climate economics. Title of presentation: Population, separability and discounting. Location: Institute for Future Studies, Stockholm, Sweden. 2018-06-25.
- Broome, J. Speaker at World Congress of Environment and Resource Economists. Title of presentation: Separability, discounting and population ethics. Location: Gothenburg, Sweden. 2018-06-28.
- Broome, J. Speaker at seminar. Title of presentation: Separability, discounting and population ethics. Location: Department of Economics, University of Oslo, Oslo, Norway. 2018-09-28.
- Broome, J. Speaker at seminar. Title of presentation: Against Denialism. Location: Universite Paris-Est Cretail, Paris, France. 2018-11-08.
- Broome, J. Speaker at seminar. Title of presentation: Against Denialism. Location: University of East Anglia, Norwich, UK. 2019-01-10.
- Broome, J. Speaker at seminar. Title of presentation: Lessons from economics. Location: Australian National University, Canberra, Australia. 2019-03-21.
- Broome, J. Speaker at seminar. Title of presentation: Against Denialism. Location: Philosophy Department, Lund University, Lund, Sweden. 2019-05-21.
- Broome, J. Speaker at seminar. Title of presentation: Efficiency and future generations. Location: Engineering Department, Lund University, Lund, Sweden. 2019-05-21.
- Bykvist, K. Report on the latest IPCC report at Internal Seminar Climate Ethics. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-10.

- Bykvist, K. Speaker at PPE-seminar. Title of presentation: Taking values seriously. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-14.
- Bykvist, K. Speaker at Departmental Seminar. Title of presentation: Impossibility theorems in population ethics- and 'all or nothing' affair?. Location: Australian National University, Canberra, Australia. 2019-06-27.
- Bykvist, K. Speaker at ANU-Humboldt-Princeton Summer Institute on Practical Normativity. Title of presentation: Wellbeing and changing preferences. Location: Australian National University, Canberra, Australia. 2019-07-03.
- Bykvist, K. Speaker at Australian Association of Philosophy Conference. Title of presentation: Taking values seriously. Location: University of Wollongong, Wollongong, Australia. 2019-07-09.
- Bykvist, K. Speaker at Departmental Seminar. Title of presentation: Wellbeing and time. Location: Department of Philosophy, Adelaide University, Adelaide, Australia. 2019-07-15.
- Bykvist, K. Speaker at Annual Conference Climate Ethics. Title of presentation: Scheffler on impossibility theorems in population ethics. Location: Institute for Future Studies, Stockholm, Sweden. 2019-09-27.
- Bykvist, K. Speaker at Workshop on non-standard comparisons of value. Title of presentation: Cross-categorical comparisons of value. Location: Institute for Future Studies, Stockholm, Sweden. 2019-12-06.
- Campbell, T. Speaker at Conference in Honour of Derek Parfit. Title of presentation: Personal Identity and Impersonal Ethics. Location: Oxford University, Oxford, UK. 2018-05-18.
- Campbell, T. Speaker at Internal Seminar. Title of presentation: Reply to David Boonin on the Non-Identity Problem. Location: Global Priorities Institute, Oxford University, Oxford, UK. 2018-05-23.
- Campbell, T. Speaker at Rocky Mountain Ethics Congress. Title of presentation: The Bullet-Biting Response to the Non-Identity Problem. Location: University of Colorado Boulder, Boulder, CO, USA. 2018-08-11.
- Campbell, T., Mosquera, J., & Kolk, M. Speakers at Kick-off conference Climate Ethics and Future Generations. Title of presentation: Pronatalist Policies and Future Generations. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-28.
- Campbell, T. Speaker at Evaluating Extreme Technological Risk. Title of presentation: The Fanatical Repugnant Conclusion. Location: Centre for the Study of Existential Risk, Cambridge, UK. 2019-06-07.
- Campbell, T., & Mosquera, J. Speakers at New Perspectives on Transformative Experience. Title of presentation: Transformative Experience and the Shark Problem. Location: Gothenburg University, Gothenburg, Sweden. 2018-06-07.
- Campbell, T. Organizer of Kick-Off Conference of the Climate Ethics Project. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27 – 2018-09-29.
- Campbell, T. Organizer of Population Ethics and Uncertainty Conference. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-12.

- Crisp, R. Speaker at Workshop. Title of presentation: Moral Disagreement. Location: ACU, Rome, Italy. 2018-03-19.
- Crisp, R. Speaker at Conference. Title of presentation: Parfit on Love. Location: Faculty of Philosophy, Oxford University, Oxford, UK. 2018-05-19.
- Crisp, R. Speaker at Conference. Title of presentation: Virtue and Ideals. Location: Department of Philosophy, Belfast, Ireland. 2019-03-29.
- Crisp, R. Speaker at Seminar. Title of presentation: Pessimism about the Future. Location: Institute for Future Studies, Stockholm, Sweden. 2019-04-10.
- Crisp, R. Speaker at Seminar. Title of presentation: Pessimism about the Future. Location: Department of Philosophy, Uppsala University, Uppsala, Sweden. 2019-04-12.
- Crisp, R. Speaker at Seminar. Title of presentation: Pessimism about the Future. Location: CEPPA, St. Andrews, UK. 2019-04-24.
- Duus-Otterström, G. Speaker at Nordic Network for Political Theory. Title of presentation: Sovereign States in the Greenhouse: Does Jurisdiction speak against Consumption-Based Emissions Accounting?. Location: University of Roskilde, Roskilde, Denmark. 2018-10-25 – 2018-10-27.
- Duus-Otterström, G. Speaker at Kick-off conference for the research programme Climate Ethics and Future Generations. Title of presentation: Burden-Sharing Justice. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27 – 2018-09-29.
- Duus-Otterström, G. Speaker at Aarhus-Oslo workshop in political theory. Title of presentation: Defeating Immoral Plans. Location: Aarhus University, Aarhus, Denmark. 2019-03-19.
- Duus-Otterström, G. Speaker at Oslo-Gothenburg workshop in political theory. Title of presentation: The argument from jurisdiction against consumption-based emissions accounting. Location: Norwegian Centre for Human Rights, Oslo, Norway. 2018-06-11 – 2018-06-12.
- Duus-Otterström, G. Speaker at ECPR General Conference. Title of presentation: The argument from jurisdiction against consumption-based emissions accounting. Location: Hamburg University, Hamburg, Germany. 2018-08-22 – 2018-08-25.
- Duus-Otterström, G., & Heyward, C. Organizers of Project workshop. Title of workshop: Justice and Future Population Size. Location: Institute for Future Studies, Stockholm, Sweden. 2018-06-25 – 2018-06-26.
- Duus-Otterström, G., & Bowman, P. Organizers of Project workshop. Title of workshop: Corrective Justice and Climate Change. Location: Institute for Future Studies, Stockholm, Sweden. 2019-06-11 – 2019-06-12.
- Duus-Otterström, G. Speaker at Association of Social and Political Philosophy Annual Conference. Title of presentation: Liability for historical emissions without political agreements. Location: Newcastle University, Newcastle, UK. 2019-06-24 – 2019-06-26.
- Fairbrother, M. Organizer of workshop. Title of workshop: Sharing the Burden? Public Values, Attitudes, and Preferences about Climate Policy. Location: Institute for Future Studies, Stockholm, Sweden. 2019-02-21 – 2019-02-22.

- Finneron-Burns, E. Speaker. Title of presentation: When is it reasonable to procreate?  
Location: Universita Pompeu Fabra, Barcelona, Spain. June 2018.
- Finneron-Burns, E. Speaker. Title of presentation: Does intergenerational inequality matter?. Location: University of Manchester, Manchester, UK. October 2018.
- Herlitz, A. Speaker. Title of presentation: Nondeterminacy, social choice, and public reasoning. Location: University of Gothenburg, Gothenburg, Sweden. 2019-01-11.
- Herlitz, A. Speaker. Title of presentation: Parfitian population ethic. Location: University of Gothenburg, Gothenburg, Sweden. 2018-10-15.
- Herlitz, A. Speaker. Title of presentation: Equity within and across space and time. Location: Catholic University of Central Africa, Yaoundé, Cameroon. 2018-08-22.
- Herlitz, A. Speaker. Title of presentation: Comparability problems and choice in population studies. Location: Harvard University, Cambridge, MA, USA. 2018-03-03.
- Herlitz, A. Speaker. Title of presentation: Fairness in austerity politics. Location: University of Salzburg, Salzburg, Austria. 2018-05-28.
- Herlitz, A. Speaker at The 14th Meeting of the Society for Social Choice and Welfare. Title of presentation: Stable and unstable choices. Location: Seoul, South Korea. 2018-06-12.
- Herlitz, A. Speaker at The 4th International Conference Economics and Philosophy. Title of presentation: Non-determinacy and precisifying reasons. Location: Lyon, France. 2018-06-30.
- Huseby, R., & Angnell, K. Speakers at Workshop in political theory. Title of presentation: Affected Interests and Weighted Votes. Location: University of Bergen, Bergen, Norway. February 2019.
- Huseby, R., Hovi, J., & Skodvin, T. Speakers at Workshop in political theory, University of Aarhus. Title of presentation: Can Climate Clubs be Legitimate?. Location: University of Aarhus, Aarhus, Denmark. March 2019.
- Huseby, R. Speaker at Workshop on climate ethics. Title of presentation: Sufficiency and the Threshold Question. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-01.
- Mosquera, J. Speaker at Climate Change and Justice. Title of presentation: Climate Change, Compensation, and Non-Human Animals. Location: Institute for Future Studies, Stockholm, Sweden. June 2019.
- Mosquera, J. Speaker at International Panel on Social Progress (IPSP). Title of presentation: Health, Disability, and Population Ethics. Location: Pompeu Fabra University, Barcelona, Spain. June 2019.
- Mosquera, J. Commentator of Behavioural Welfare Economics, Libertarian Paternalism, and the Nudge Agenda. Location: Stockholm University, Stockholm, Sweden. March 2019.
- Mosquera, J. Commentator of Should Infringers Pay Compensation? at Apology and Compensation Workshop. Location: Stockholm University, Stockholm, Sweden. September 2018.
- Mosquera, J. Organizer of Kick-Off Conference of the Climate Ethics Project. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27 – 2018-09-29.

- Mosquera, J. Speaker at Intergenerational Justice and Rights and Duties of Procreators. Title of presentation: Pro-Natalist Policies, Intergenerational Inequality, and Procreation. Location: Pompeu Fabra University, Barcelona, Spain. June 2018.
- Mosquera, J. Speaker at Climate Change and Intergenerational Justice. Title of presentation: Pro-Natalist Policies, Intergenerational Inequality, and Procreation. Location: Institute for Future Studies, Stockholm, Sweden. June 2018.
- Roberts, M.A. Speaker at Workshop on Population and Procreative Ethics. Title of presentation: Population Ethics and the Ethics of Procreation. Location: Princeton University, Princeton, NJ, USA. 2019-05-10 – 2019-05-11.
- Roberts, M.A. Speaker at Value Theory Reading Group Presentation. Title of presentation: Does the Additional Worth-Having Existence Make Things Better. Location: Department of Philosophy, Rutgers University, New Brunswick, NJ, USA. 2019-04-11.
- Roberts, M.A. Speaker at Conference on Population, Public Policy and Climate. Title of presentation: Is Climate Ethics on a Collision Course with Itself?. Location: Politics, Philosophy and Economics and Tulane University, New Orleans, LA, USA. 2019-03-15 – 2019-03-16.
- Roberts, M.A. Speaker at Workshop on Uncertainty. Title of presentation: Nonidentity and Fertility: When Does a Choice Create a Better Chance of Existence?. Location: Institute for Future Studies, Stockholm, Sweden. 2018-12-06 – 2018-12-07.
- Roberts, M.A. Speaker at Kick-off conference Climate Ethics and Future Generations. Title of presentation: Does the Worth-Having Existence Make Things Morally Better?. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27 – 2018-09-29.
- Roberts, M.A. Speaker at Philosophical Legacy of Derek Parfit. Title of presentation: The Better Chance Puzzle, the Nonidentity Problem and the Value of Existence. Location: Karlsruhe Institute of Technology, Karlsruhe, Germany. 2018-07-01.
- Roberts, M.A. Speaker at Oxford Parfit Conference. Title of presentation: The Better Chance Puzzle and the Value of Existence. Location: Corpus Christie College, Oxford, UK. 2018-05-18 – 2018-05-20.
- Stefánsson, H.O. Speaker at Departmental talk. Title of presentation: Is Utilitarianism Catastrophe Insensitive?. Location: New University of Lisbon, Lisbon, Portugal. May 2019.
- Stefánsson, H.O. Speaker at Economics of catastrophic risk. Title of presentation: Is Utilitarianism Catastrophe Insensitive?. Location: Global Priorities Institute, Oxford University, Oxford, UK. June 2019.
- Stefánsson, H.O. Speaker at Workshop on Prioritarianism and Related Territories. Title of presentation: Prioritarian Dilemma. Location: University of Copenhagen, Copenhagen, Denmark. June 2019.
- Stefánsson, H.O. Speaker at What are Degrees of Belief?. Title of presentation: Reasoning with Unknown Possibilities. Location: Leeds University, Leeds, UK. September 2018.



- Stefánsson, H.O. Speaker at Mini-Workshop on Attitudes to Risk. Title of presentation: Ambiguity Aversion behind the Veil of ignorance. Location: Hebrew University of Jerusalem, Jerusalem, Israel. March 2018.
- Stefánsson, H.O. Speaker at ANU workshop on Ethics and Risk. Title of presentation: Ambiguity Aversion behind the Veil of ignorance. Location: Australian National University, Canberra, Australia. June 2018.
- Stefánsson, H.O. Organizer of Severe Uncertainty and Climate Policy. Location: Institute for Future Studies, Stockholm, Sweden. April 2018.
- Zuber, S. Organizer of workshop. Title of workshop: Workshop on Integrated assessment models and ethics. Location: Paris School of Economics, Paris, France. 2019-03-28 – 2019-03-29.
- Zuber, S. Speaker at Conference on climate ethics and future generations. Title of presentation: Population-adjusted egalitarianism and resource management. Location: Institute for Future Studies, Stockholm, Sweden. 2018-09-27.

### **C. Public Outreach**

- Arrhenius, G., & Bykvist, K. Public talk. Title of talk: Presentation of RJ program. Location: Kungliga Vetenskapsakademien (KVA), Stockholm, Sweden. 2017-11-08.
- Arrhenius, G. Guest on podcast. Name of podcast: Samhällssnackarna. Location: Länsförsäkringar, Stockholm, Sweden. 2018-12-12.
- Arrhenius, G. Guest radio program. Name of program: Framtida generationer behöver en ombudsman? Vetenskapsradion. September 2018
- Arrhenius, G. Guest on radio program. Name of program: Klarar vår demokrati att rädda klimatet? Vetandets värld. September 2018.
- Arrhenius, G. Guest on radio program. Name of program: Forskarpanel: Så kan vi styra mot en ljusare framtid. Vetenskapsradion. October 2018.
- Berndt Rasmussen, K. Seminar at Almedalsveckan. Title of seminar: Äga eller ägd – hur överlever demokratin framtiden?. Location: Visby, Sweden. 2018-07-04.
- Berndt Rasmussen, K., & Jebari, Karim. Seminar at Gränslös demokrati Seminar Series: Framtider/Futures. Title of seminar: Samtal om demokrati. Location: Tensta Konsthall, Stockholm, Sweden. 2018-09-11.
- Bowman, P. Interview for newspaper article on child shaming. *Vi Magazine*. Forthcoming.
- Broome, J. Public talk at Leading Integrity - Outreach conference at the Shard. Title of talk: Philosophy at the IPCC. Location: London, UK. 2018-07-03.
- Broome, J. Public talk at Discussion at the Norwegian Academy of Science and Letters. Title of talk: Climate change and the ethics of population. Location: Oslo, Norway. 2018-09-27.
- Broome, J. Public talk at Meeting of the Colyton Breakfast Club. Title of talk: The ethics of climate change. Location: Colyton, UK. 2019-01-26.

- Broome, J. Public talk at Meeting of the Chabad Society. Title of talk: Against individual denialism. Location: Oxford, UK. 2019-05-16.
- Bykvist, K. Public talk at Forskardagarna på Stockholms Universitet. Title of talk: Vårt ansvar för framtida generationer. Location: Stockholm University, Stockholm, Sweden. 2019-10-02.
- Bykvist, K. Public talk at Hållbarhetsforum. Title of talk: Framtida generationer, rättvisa, och demokrati. Location: Stockholm University, Stockholm, Sweden. 2019-10-29.
- Duus-Otterström, G. Public talk at Aarhus alumni seminar. Title of talk: Should consumers be held responsible for greenhouse gas emissions. Location: Aarhus, Denmark. 2018-08-17.
- Duus-Otterström, G. Public talk. Title of talk: Klimatrådets rapport 2019. Location: Institute for Future Studies, Stockholm, Sweden. 2019-05-07.
- Duus-Otterström, G. Radio appearance. Title of segment: Framtider. Location: Institute for Future Studies, Stockholm, Sweden. 2019-05-06.
- Fairbrother, M. Public talk at TEDx. Title of talk: Saving the Earth Is Easier than You Think. Location: Umeå, Sweden. 2019.
- Huseby, R. Talk. Title of talk: Equality. Location: Agenda-akademiet, Oslo, Norway. 2019-05-18.
- Kolk, M. Discussant at book release. Title of book: *Familjen först*. Location: Swedish Parliament, Stockholm, Sweden. March 2019.
- Kolk, M. Presentation at the Future Strategy Group of the Gyeonggi province. Location: Gyeonggi province, South Korea. May 2018.
- Mosquera, J. Article mention. Yan, W. (2018). May we live long and die out. *Medium*. Available: <https://medium.com/s/futurehuman/may-we-live-long-and-die-out-6d8688a4b0a3>
- Page, E. (2019). Youth climate strikes: A climate game-changer. *Politics Reconsidered*, PAIS, University of Warwick.

## **Appendix 2: Events Connected to the Program**

### **A. Public Research Seminars at IF Related to the Program**

2018

1. Joakim Kulin: Climate Change or Social Change? Sociological perspectives on citizens' environmental beliefs, attitudes, and behaviors, February 14.
2. Rod Rhodes: The Theory and Practice of Governance: The Next Steps, March 14.
3. Kimberly Nicholas: From Population to A Child: Personalizing Future Generations and Climate Change, March 21.
4. Krister Bykvist: Moral Uncertainty, April 25.
5. Chris Armstrong: Decarbonisation and World Poverty, May 2.
6. Brooke Harrington: Offshore, Inequality & States, May 9.
7. Partha Dasgupta: Earth's Carrying Capacity and Optimum Global Population, May 23.
8. Katie Steele: The Real Paradox of Supererogation, June 19.
9. Larry S. Temkin: Assessing the Goodness of Outcomes: Questioning Some Common Assumptions, June 27.
10. Margaret Moore: Towards a Theory of Resource Justice? October 3.

Spring/summer 2019

1. Göran Finnveden, Pernilla Hagbert, and Åsa Svenfelt: Futures Beyond GDP? January 30.
2. Victor Galaz: Big Money, Big Change – Exploring the Links Between Tax Havens and Global Sustainability, March 13.
3. Wändi Bruine de Bruin: Improving Communications about Climate Change: Insights from Behavioral Science, March 28.
4. Roger Crisp: Pessimism About the Future, April 10.
5. Marc Jaccard: Economic Efficiency vs. Political Acceptability: Trade-offs in GHG-reduction Policies, April 24.
6. Thomas Sterner: Is there a Climate Crisis? May 29.
7. Steven Vanderheiden: Sovereignty and Sustainability: Friends or Foes? June 12.
8. Garrett Cullity: Offsetting and Risk-Aggregation, June 19.

## **B. Workshops Organised by the Program**

*Making Mitigation Meaningful*, Institute for Futures Studies, Stockholm, June 13, 2018.

### Participants:

Olle Torpman, Institute for Futures Studies  
Eric Brandstedt, Lund University  
Fedra Vanhuysen, Stockholm Environment Institute  
Kimberly Nicholas, Lund University  
Timothy Campbell, Institute for Futures Studies  
Krister Bykvist, Institute for Futures Studies  
Julia Mosquera, Institute for Futures Studies  
Gustaf Arrhenius, Institute for Futures Studies

*The size of future and current generations and climate change – perspectives from demography, population ethics, and environmental studies*, Institute for Futures Studies, Stockholm, May 23, 2018.

### Speaker and Discussants:

Dean Spears, University of Texas at Austin  
Mark Budolfson, University of Vermont  
Partha DasGupta, University of Cambridge  
Malcolm Fairbrother, Umeå University  
Martin Kolk, Institute for Futures Studies  
Katharina Berndt Rasmussen, Institute for Futures Studies  
Gustaf Arrhenius, Institute for Futures Studies  
Krister Bykvist, Institute for Futures Studies  
Julia Mosquera, Institute for Futures Studies  
Tim Campbell, Institute for Futures Studies

*Justice and Future Population Size*, Institute for Futures Studies, Stockholm, June 25-26, 2018.

### Speakers:

Clare Heyward, IASS/University of Graz/ Institute for Futures Studies  
Simon Caney, University of Warwick  
John Broome, University of Oxford  
Sabine Hohl, University of Bern  
Elizabeth Cripps, University of Edinburgh  
Dean Spears, University of Texas at Austin  
Jörg Tremmel, University of Tübingen  
Andreas Bengtson, University of Aarhus

Dominic Roser, University of Freiburg  
Elizabeth Finneron-Burns, University of Warwick/Institute for Futures Studies  
Christopher Bennett, University of Warwick  
Larry Temkin, Rutgers University  
Göran Duus-Otterström, Institute for Futures Studies  
Julia Mosquera, Institute for Futures Studies

*Population Ethics and Uncertainty*, Institute for Futures Studies, Stockholm, December 7-8, 2018.

Speakers:

Hilary Greaves, Global Priorities Institute  
Amelia Hicks, Kansas State University  
Franz Dietrich, Paris School of Economics  
Hili Razinsy, University of Lisbon  
Melinda Roberts, The College of New Jersey  
Jacob Ross, University of Southern California  
Signe Saven, Lund University  
Christian Tarsney, the Global Priorities Institute, Oxford  
Orri Stefansson, Institute for Futures Studies  
Johan Gustafsson, University of York  
Gustaf Arrhenius, Institute for Futures Studies  
Krister Bykvist, Institute for Futures Studies/Stockholm University  
Timothy Campbell, Institute for Futures Studies

*Sharing the Burden? Public Values, Attitudes, and Preferences about Climate Change*, Institute for Futures Studies, Stockholm, February 21-22, 2019.

Participants:

Aya Kachi, University of Basel  
Erick Lachapelle, University of Montréal  
Håkon Sælen, University of Oslo, NO, political science  
Ingemar Johansson Sevä, Umeå University  
Joakim Kulin, Umeå University  
Jonas Sonnenschein, Lund University  
Kevin Tam, The Hong Kong University of Science and Technology  
Kirsti Jylha, Institute for Futures Studies  
Larry Hamilton, University of New Hampshire  
Linda Steg, University of Groningen  
Malcolm Fairbrother, Umeå University/Institute for Futures Studies  
Mark Jaccard, Simon Fraser University

Megan Mullin, Duke University  
Niklas Haring, University of Gothenburg  
Rachel Shwom, Rutgers University  
Sandy Marquart-Pyatt, Michigan State University  
Simon Matti, Luleå University  
Stefano Carattini, Georgia State University  
Steffen Kallbekken, University of Oslo  
Sverker Jagers, University of Gothenburg  
Zorzeta Bakaki, University of Essex

*Integrated Assessment Models and Ethics*, Paris School of Economics, Paris, March 28-29, 2019.

Speakers:

Stéphane Zuber, CNRS-PSE  
Hilary Greaves, University of Oxford  
Aurélie Méjean, CNRS-CIRED  
Noah Scrovronik, Emory University  
Mark Budolfson, University of Vermont  
Maddalena Ferranna, Harvard University

Discussants from IF:

Gustaf Arrhenius  
Paul Bowman  
Timothy Campbell  
Anders Herlitz

*Severe Uncertainty and Climate Policy: Themes from Philosophy and Economics*, Institute for Futures Studies, Stockholm, April 25-26, 2019.

Speakers:

Elizabeth Baldwin, University of Oxford  
Richard Bradley, LSE  
Marie-Louise Vierø, Queen's University  
Anna Mahtani, LSE  
Wendy Parker, Durham University  
Per Wikman-Svahn, KTH  
Sven Ove Hansson, KTH  
Daniel Steel, UBC  
Daniel Heyen, ETH Zurich

*Climate Change and Corrective Justice*, Institute for Futures Studies, Stockholm, June 10-11, 2019.

Speakers:

Paul Bowman, Institute for Futures Studies  
Alex McLaughlin, University of Reading  
Megan Blomfield, University of Sheffield  
Laura Garcia Portela, KFU Graz  
Ed Page, University of Warwick  
Rudolf Schüßler, University of Bayreuth  
Steve Vanderheiden, University of Colorado Boulder  
Axel Gosseries, UC Louvain  
Julia Mosquera, Institute for Futures Studies  
Joachim Wündisch, University of Düsseldorf  
Clare Heyward, University of Tromsø  
Stephen Gardiner, University of Washington  
Göran Duus-Otterström, Aarhus University/Institute for Futures Studies

### **C. The Program's Kick-off Conference**

Institute for Futures Studies, Stockholm, September 27-29, 2018.

Speakers and discussants

Ralf Bader, Institute for Futures Studies/University of Oxford  
Geoffrey Brennan, Australian National University  
Erik Carlson, Uppsala University  
Elizabeth Finneron-Burns, Institute for Futures Studies/University of Warwick  
Marc Fleurbaey, Princeton University  
Johan Gustafsson, Institute for Futures Studies/University of York/University of Gothenburg  
Anders Herlitz, Institute for Futures Studies  
Clare Heyward, Institute for Futures Studies/University of Tromsø  
Robert Huseby, University of Oslo  
Wlodek Rabinowicz, Lund University  
Melinda Roberts, College of New Jersey  
Stephane Zuber, Paris School of Economics  
Kimberly Nicholas, Lund University  
Edward Page, Institute for Futures Studies/University of Warwick  
Karin Bäckstrand, Institute for Futures Studies/Stockholm University  
Eva Erman, Stockholm University  
Sverker Jagers, University of Gothenburg

Therese Lindahl, The Beijer Institute of Ecological Economics  
Andrew Williams, Pompeu Fabra University  
Daniel Ramöller, Stockholm University  
Mats Ingelström, Stockholm University  
Simon Matti, Luleå University of Technology  
Jimmy Goodrich, Stockholm University/Rutgers University  
Jasmina Nedevska Törnqvist, Stockholm University  
Signe Saven, Lund University  
Gustaf Arrhenius, Institute for Futures Studies  
Krister Bykvist, Institute for Futures Studies/Stockholm University  
Göran Duus-Otterström, Institute for Futures Studies/University of Aarhus  
Julia Mosquera, Institute for Futures Studies  
Timothy Campbell, Institute for Futures Studies  
Orri Stefánsson, Institute for Futures Studies/University of Copenhagen  
Malcolm Fairbrother, Institute for Futures Studies/Umeå University  
Katharina Berndt Rasmussen, Institute for Futures Studies  
Paul Bowman, Institute for Futures Studies  
Kirsti Jylhä, Institute for Futures Studies  
Klas Markström, Umeå University  
Martin Kolk, Institute for Futures Studies/Stockholm University  
Vuko Andric, Institute for Futures Studies

#### **D. Public Outreach Events Organised by the Program**

*Klimatpolitiska rådets rapport 2019: Rekommendationer för en effektivare klimatpolitik*, Institute for Futures Studies, Stockholm, May 7, 2019.

Speaker:

Johan Kuylenstierna, (Klimatpolitiska rådet)

Commentators:

Göran Duus-Otterström, Institute for Futures Studies/University of Aarhus  
Karin Bäckstrand, Institute for Futures Studies/Stockholm University

*Flygskam, barnskam, tågskryt – individer vs strukturer i klimatkrisens tid*, Almedalen, Visby, July 3, 2019.

Speakers:

Gustaf Arrhenius, Institute for Futures Studies  
Kimberly Nicholas, Lund University







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