



INSTITUTE FOR ADVANCED
STUDY IN TOULOUSE

ACTIVITY REPORT 2020



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Study in Toulouse

Editor-in-chief
Paul Seabright

Editorial contributions
Jean-François Bonnefon
Daniel Chen
Thomas Christiano
Margot Dazey
Victor Gay
Jorge Peña
Delphine Pouts
Mohamed Saleh
Paul Seabright
Jonathan Stieglitz
Karine Van Der Straeten

Production
Carolyne Lamy
Valérie Servieres
Jennifer Stephenson

Iconography
@Olivier Colombe
@Carolyne Lamy
@Studio Tchiz
@Giulia-Eléonore Chambon

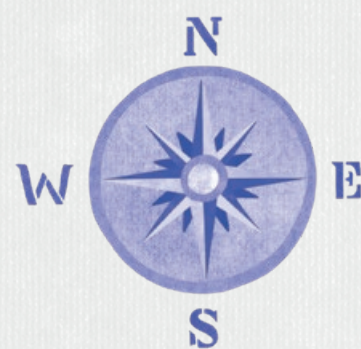
Graphic design,
layout, illustrations
Giulia-Eléonore Chambon

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THE ARCTIC OCEAN

34 VISITORS IN 2020,
INCLUDING PRESENTERS IN SEMINARS,
WORKSHOPS AND IAST CONFERENCES
(SOME OF THEM ATTENDED THESE EVENTS
VIRTUALLY, DUE TO THE COVID CRISIS).



THE PACIFIC OCEAN

THE ATLANTIC OCEAN

THE INDIAN OCEAN

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UNITED STATES
OF AMERICA



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2020 was an enormously challenging year for all academic institutions. But it posed particular challenges to IAST's way of working, based as this has been on a great deal of informal personal contact for open and flexible discussion, many in-person seminars and conferences, and a large number of international visitors. Meetings on video are a reasonable substitute for in-person presentations of fairly well advanced research results. But they are much less adequate for brainstorming and developing the kinds of unexpected perspective on which interdisciplinary research particularly relies.

It was also particularly disappointing for us to have to endure lockdown so soon after moving into our wonderful new building, so many of whose interesting spaces are conceived to as to facilitate the kinds of meeting that encourage free-ranging discussion. In the few weeks after we arrived in November 2019 it was clear that the meeting rooms and open spaces were filled with people, and it has been sad to think that we shall only recover that buzz again very gradually this year. However, our colleagues have been energetic and ingenious in finding alternative ways to communicate. And, as this report reveals, they have also been productive in research in spite of some very challenging personal and professional circumstances.

The pandemic has created especially severe obstacles to those researchers doing field research, many of whom have been unable to visit their field

sites and still do not know when they will be able to do so. Collaboration with local colleagues has enabled many projects to continue, but there will need to be creative reflection on the ways in which field projects are conceived and executed in the future, as some of the constraints brought about by the pandemic are unlikely to disappear soon.

As this report shows, our community has also responded quickly and creatively to the challenge of tackling important research questions raised by the pandemic, with contributions in a wide range of fields. Our members have been active in the press and in policy contexts, helping to maintain a high standard of evidence-based discussion of key policy challenges.

As we approach the 10th anniversary of IAST's foundation we are proud of the energy and originality of our researchers and are confident in our future as a world-class interdisciplinary research institution.

Paul SEABRIGHT
IAST DIRECTOR





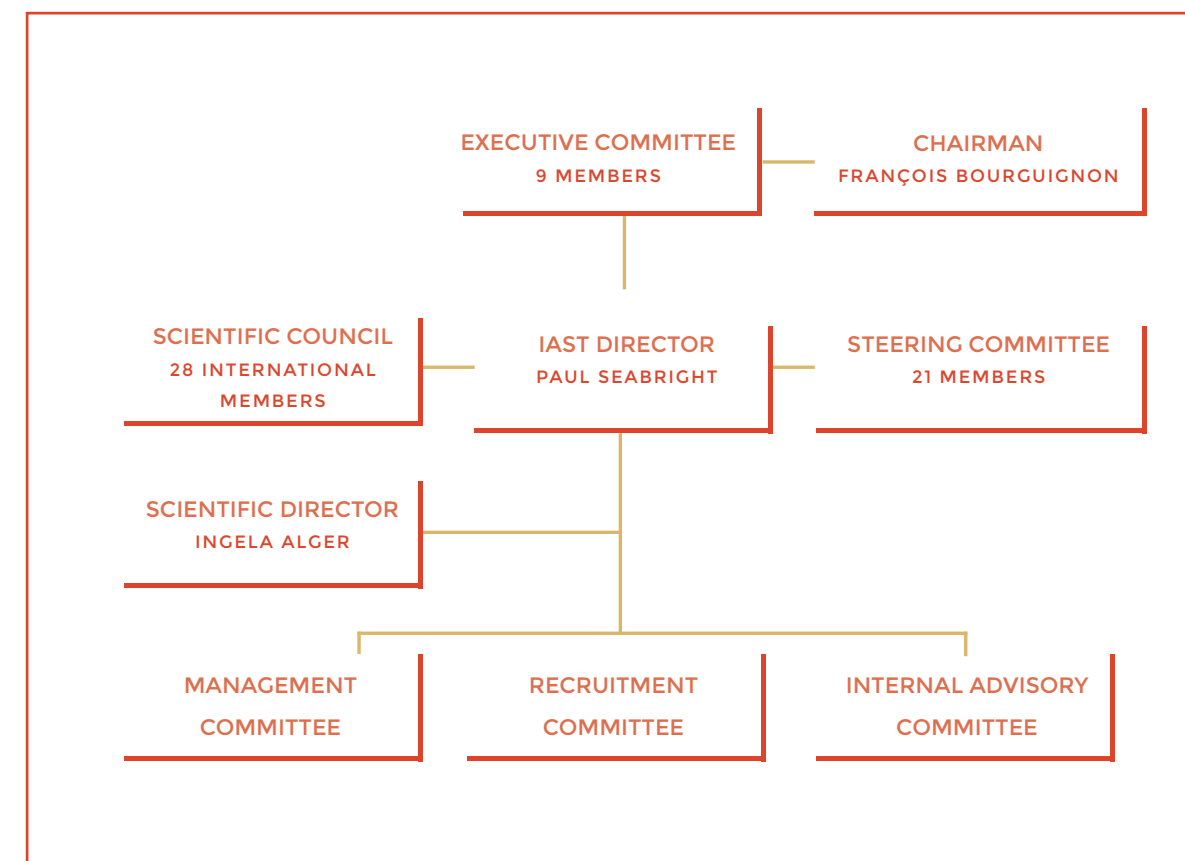
IAST GOVERNANCE

IAST operates as a sheltered foundation under the aegis of the Jean-Jacques Laffont - TSE Foundation.

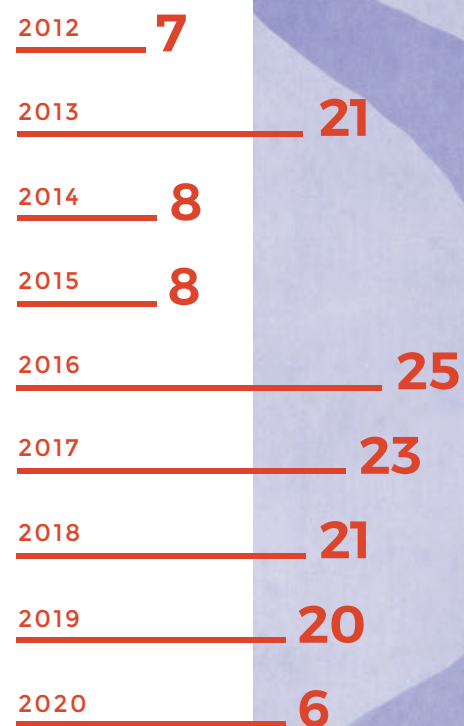
IAST has a scientific council composed of 28 members and is governed by an Executive Committee (COMEX) with representatives of the Toulouse Capitole University, the Jean-Jacques Laffont - TSE Foundation including IAST researchers, the collegium of public partners and the collegium of economic partners. IAST is directed by Paul Seabright, who is assisted by Delphine Pouts; the IAST administration is overseen by Joël Echevarria and the IAST scientific Director is Ingela Alger since 1st September 2020. She replaced Karine Van Der Straeten who acted as scientific Director until 31st August 2020.

François Bourguignon (director of research emeritus at EHESS, former Chief Economist & Senior Vice President of the World Bank in Washington and former Director of Paris School of Economics) is the chairman of the IAST executive committee, helping develop IAST alongside its sister institute, the internationally renowned Toulouse School of Economics (TSE).

The Institute for Advanced Study in Toulouse is a unified scientific project whose broad aim is to study human behavior through an innovative and multidisciplinary approach to social science. Our Institute is home to a team of resident full-time researchers from leading universities worldwide. While most researchers specialize in using analytical and quantitative methods to address their scientific questions, some researchers utilize both qualitative and quantitative methods, while others use only qualitative methods. The Institute welcomes a large network of visitors from >25 countries, and partners with economists and mathematicians at the Toulouse 1 Capitole University, INRAE, CNRS and the Toulouse School of Economics.



VISITORS TO IAST

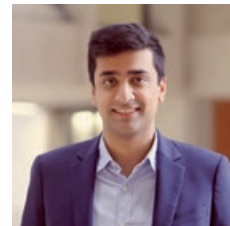


SHORT TERM AND LONG TERM VISITORS EXCLUDING SPEAKERS AT SEMINARS, WORKSHOPS AND CONFERENCES.

IAST prides itself on its wide and active network of international academics that visit and interact with our Toulouse-based community. Inevitably, the number of physical visitors in Toulouse in 2020 was very low, due to the Covid-19 pandemic. However, seminars and conference were widely replaced by online events, attracting high audiences from all over the globe.

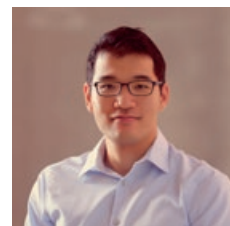
Five new research fellows joined the institute in September 2020, one funded by ANITI* and four by IAST through its host University, Toulouse Capitole. The newcomers all work at the crossroads of disciplines and are already developing exciting new interdisciplinary research projects in Toulouse.

IAST RESEARCH FELLOWS



ABHIT BHANDARI
PhD POLITICAL SCIENCE
COLUMBIA UNIVERSITY

Abhit is a political scientist specializing in comparative politics and the political economy of development. His research examines how political inequalities shape business, economic development, and formal and informal institutions, with a regional focus in sub-Saharan Africa.



YUZURU KUMON
PhD IN ECONOMICS
UC DAVIS

Yuzuru's research interests are in Economic History, Labor Economics, and Development Economics. His research attempts to answer major puzzles in long-run world history by employing novel datasets such as village registers and servant wage contracts. Yuzuru won the Alexander Gerschenkron Prize for best dissertation in non US or Canadian economic history from the Economic History Association for his research.



ZOE PURCELL
PhD IN PSYCHOLOGY
MACQUARIE UNIVERSITY (ANITI*)

Zoe is a postdoctoral research fellow at IAST and ANITI. She is interested in contemporary theories of reasoning and their applications to moral and ethical decision-making. She is currently exploring the relationship between human and artificial gauges of morality.



MANVIR SINGH
PhD IN HUMAN EVOLUTIONARY BIOLOGY
HARVARD UNIVERSITY

Manvir's research asks why humans societies everywhere give rise to practices and beliefs with striking similarities, with a focus on behaviors such as music, story, shamanism, and punitive justice. His toolkit combines ethnographic research, psychological experiments, and the analysis of cross-cultural databases.



ERIK WANG
PhD POLITICAL SCIENCE
PRINCETON UNIVERSITY

Erik studies comparative political economy with particular interests in the politics of state-building, bureaucracy, and corruption. He also does research on statistical methods of causal inference. His work has appeared or will soon appear in Journal of Politics, Proceedings of the National Academy of Sciences, Research and Politics, and Socius.



* Artificial and Natural Intelligence
Toulouse Institute





IAST anthropologists address broad questions that can situate anthropology in a key position within the social and life sciences.

ANTHROPOLOGY

SCIENTIFIC ACTIVITIES IN 2020

PEER-REVIEWED PUBLICATIONS APPEARING IN THE FOLLOWING JOURNALS

American Journal of Human Biology
American Journal of Physical Anthropology
eLife
Evolution and Human Behavior
Evolution, Medicine, and Public Health
Evolutionary Human Sciences
Nature Human Behaviour
Philosophical Transactions of the Royal Society B
PLoS ONE
Proceedings of the National Academy of Sciences
Proceedings of the Royal Society B
Science Advances
The Lancet
The Leadership Quarterly

GRANTS

AWARDED TO IAST RESEARCHERS

US National Institutes of Health
 National Institute on Aging

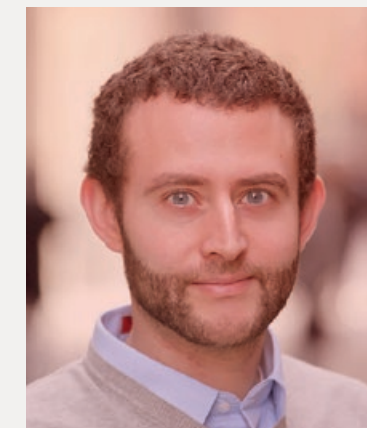
ACTIVE GRANTS

US National Institutes of Health
 National Institute on Aging
 US National Science Foundation

RECRUITMENT



Manvir Singh
 appointed IAST Research Fellow

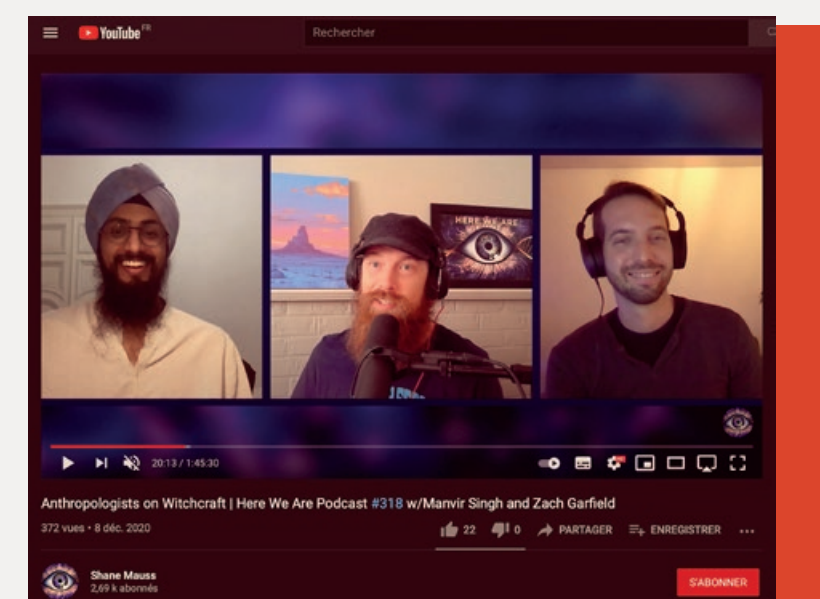


Jonathan Stieglitz
 appointed Associate Professor at IAST/UT1

OUTREACH

«HERE WE ARE», Podcast

Manvir Singh and **Zach Garfield** appeared on the “Here We Are” podcast, **Episode 318, Anthropologists on Witchcraft**. Manvir Singh drafted an essay on psychedelic use in ancient cultures in *Vice*, as well as an essay on cuscuses in *Atlas Obscura*.



INVITED SEMINARS GIVEN BY IAST RESEARCHERS

Ecole Normale Supérieure
 Naval Research Laboratory
 University of New Mexico
 University of Richmond
 Jepson School of Leadership Studies

VISITORS

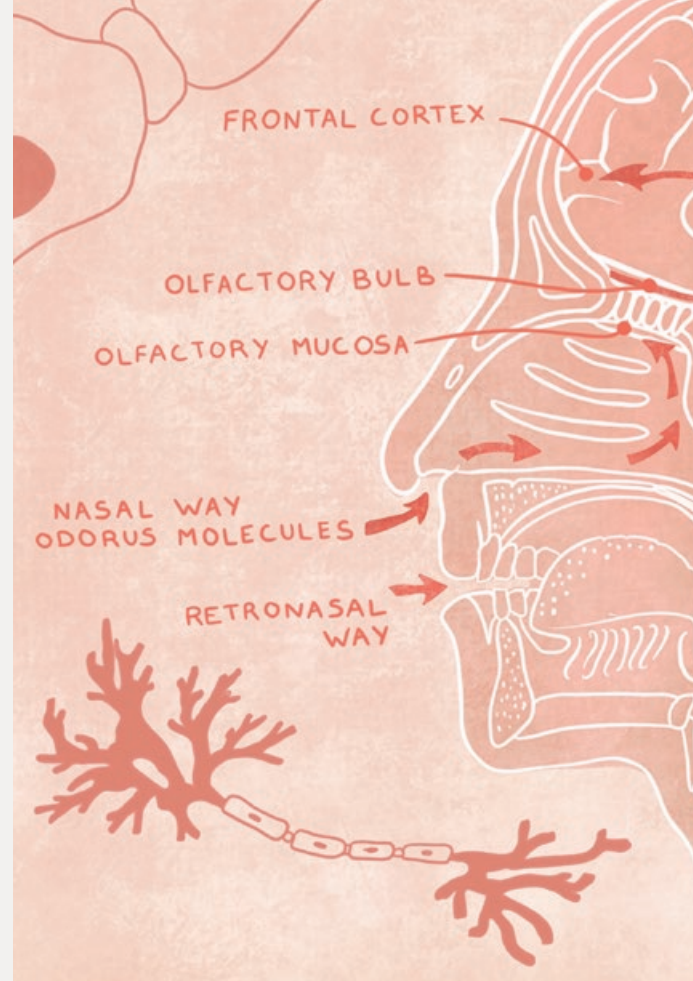
We were happy to welcome **Karen Kramer** from the **University of Utah**. Karen’s research focuses on the evolution of human families.

COURSES TAUGHT BY IAST RESEARCHERS

Experimental Economics
 (TSE Masters level)

BEYOND THE LAB

The Covid-19 pandemic prohibited international fieldwork, but some IAST researchers conducted fieldwork remotely. Jonathan Stieglitz served as a panelist for US National Science Foundation grant programs, and was appointed Chair of the TSE/IAST Board for Ethical Standards in Research.



Our biologists team up with economists, anthropologists, and psychologists to discover the laws governing the behavior of living beings and its evolution. Researchers from several key partners in the Toulouse area are regularly involved, notably *Évolution et Diversité Biologique (EDB)*, *Station d'Écologie Théorique et Expérimentale (SETE)*, and *Anthropologie Moléculaire et Imagerie de Synthèse (AMIS)*. This cooperation is carried out through a regular seminar series, workshops, conferences, PhD courses, and an advanced Master's course in *Economics and Ecology*.

EVENTS

- *IAST Discussion group on Evolutionary Theory*
organized by Gonçalo Faria

INVITED SEMINARS, TALKS, AND POSTERS

Association for the Study of Animal Behaviour (ASAB)
Winter Meeting 2020
- talk by Gonçalo Faria

Animal Behaviour Live
- poster by Gonçalo Faria

Freie Universität Berlin
- seminar by Ingela Alger

Paris School of Economics
- seminar by Ingela Alger

Queen Mary University of London
- seminar by Jorge Peña
RTP «Evolutionary Human Sciences» - HumanEvoWeek
- talks by Ingela Alger, Alberto Micheletti, and Jorge Peña

UCL Evolutionary Anthropology Seminar
- seminar by Alberto Micheletti

University of Copenhagen
- seminar by Ingela Alger

University of Frankfurt
- seminar by Ingela Alger

VISITORS

We were happy to welcome **Chaitanya Gokhale** from the Max Planck Institute for Evolutionary Biology. His work focuses on theoretical e-co-evolutionary dynamics.

COURSES

Introduction to Ecology for Economists,
(TSE Masters)

Population Demography and Evolutionary Ecology,
(TSE Masters and University Toulouse 3 Masters)

BIOLOGY

SCIENTIFIC ACTIVITIES IN 2020

PUBLICATIONS

MAIN TOPICS

Cultural evolution
Evolution of preferences
Kin selection
Sexual and intergroup conflict

OUTLETS

Behavioral Ecology
Biology Letters
Evolution, Medicine, and Public Health
Evolutionary Human Sciences
Journal of Economic Theory
Nature Ecology & Evolution
Proceedings of the National Academy of Sciences
The American Naturalist

AWARDS

THE IAST MULTIDISCIPLINARY PRIZE 2020

The IAST Multidisciplinary Prize 2020 was awarded to Alberto Micheletti with Francesca De Petrillo, Catherine Molho, and Zach Garfield for their work on a multidisciplinary approach to testing evolutionary alternative models of third-party punishment.

BEYOND THE LAB

RTP EVOLUTIONARY HUMAN SCIENCES ONLINE MEETING

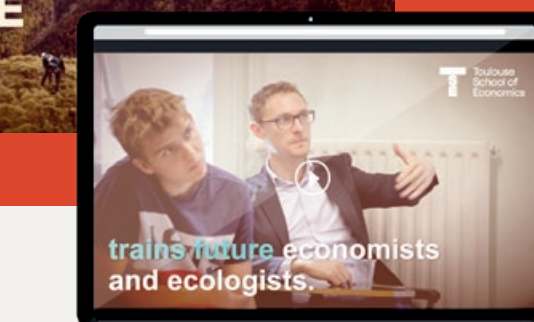
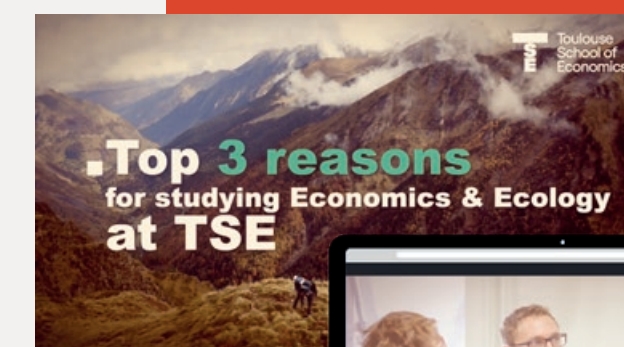
Humain evoweeek
November 2-6, 2020
Gather.town Seaside
Conference Center.



IAST takes part in the RTP Evolutionary Human Sciences (a scientific society supported by the CNRS aiming to bring researchers in France working on humans with an evolutionary perspective).

ESLR

Sabine Nöbel acted as secretary for the ESLR (an early-career network for social learning and cultural evolution researchers).





Economic History at IAST takes a bold, ambitious approach that combines state-of-art econometrics with profound and serious historical research. The diversity of methods and skill sets of the current researchers with interests in history reflects our interdisciplinary approach.

HISTORY

SCIENTIFIC ACTIVITIES IN 2020

FORTHCOMING PUBLICATIONS

MAIN TOPICS

Taxing Identity: Theory and Evidence from Early Islam

Islam and Economic Development: The Case of Non-Muslim Minorities in the Middle East and North Africa

The Middle East: Decline and Resurgence in West Asia

The Missing Men: World War I and Female Labor Force Participation

Unveiling the secrets to the genetic diversity of present-day France inhabitants from the late Neolithic to the Bronze Age

OUTLETS

Cambridge University Press

Current Biology

The Cambridge Economic History of the Modern World

Econometrica

The Journal of Human Resources

The Oxford Handbook of Politics in Muslim Societies

OUTLETS

Cambridge University Press

Current Biology

The Cambridge Economic History of the Modern World

Econometrica

The Journal of Human Resources

The Oxford Handbook of Politics in Muslim Societies

EVENTS

■ *Behavior, Institutions and Development*

Cecilia Garcia-Penalosa gave a Behavior, Institutions and Development seminar in fall 2020 on urbanization and the onset of modern economic growth.

■ *IAST «Tuesday lunch» series*

Yuzuru Kumon, **Imil Nurutdinov**, and **Victor Gay** all gave talks at the IAST “Tuesday lunch” series

■ *Big Data in Economic History*

The planned conference on Big Data in Economic History was planned but postponed to 2021, due to Covid-19.

OUTREACH

CONSEQUENCES OF COVID-19

Victor Gay spoke at the TSE-IAST Public webinar on the consequences of Covid-19.

November 2020

Nov.
17
2020

The Lasting Consequences of Covid-19



Victor Gay

Astrid Hopfensitz

Ingela Alger

#TSEDebate



RECRUITMENT



Yuzuru KUMON

joined the IAST in 2020 from UC Davis.



At IAST we believe that the law is not a closed logical system of rules and should not be applied without regard to its consequences. For this reason, the study of law has to be interdisciplinary: the understanding of legal problems requires us to understand the problems of our society first. Whether the subject is the functioning of free markets or the environment, health care or labor organization, a country's social and political structure or educational system, the combined knowledge of many disciplines is vital for a full assessment of the underlying legal issues.

MEDIA

Daniel CHEN

"Incarceration and its disseminations: COVID-19 pandemic lessons from Chicago's Cook county jail" was featured in 89 news outlets including Washington Post, New York Times, Wall Street Journal, The Economist, CNN, The Independent, US News & World Report, Politico, and Slate.

He also published an opinion piece in the Wall Street Journal on how releasing nonviolent accused makes us safer in Covid era.



"Since the outbreak of the coronavirus pandemic in the beginning of 2020, I have been working hard to publish an empirical paper related to Covid-19, analyzing the relationship between jailing practices and community infections.

I am also examining the impact of Covid-19 on access to justice in India, with the aim of providing valuable insights on the experience of marginalized groups – including women, returning migrants and minorities – in criminal, domestic violence, and lockdown violation cases. Information may be shared with judges to facilitate better performance.

I am also collecting data to study the effects of the migratory outflow of India-trained doctors on health and healthcare in India, including Covid-19 outcomes."

Daniel CHEN



LAW

SCIENTIFIC ACTIVITIES IN 2020

PUBLICATIONS

MAIN TOPICS

Automated Fact-Value Distinction in Court Opinions

Gender Violence and the Price of Virginity: Theory and Evidence of Incomplete Marriage Contracts

Incarceration And Its Disseminations: COVID-19 Pandemic Lessons From Chicago's Cook County Jail

Mostly Harmless Machine Learning: Learning Optimal Instruments in Linear IV Models

The Better Way to Onboard AI

OUTLETS

European Journal of Law and Economics

Health Affairs

Harvard Business Review

Journal of Machine Learning Research

Journal of Religion and Demography



Political scientists studying at IAST are joined by theoretical and empirical economists, economic historians and other social scientists to raise fundamental questions concerning the functioning and development of states, political institutions, and the links between citizens and rulers.

POLITICAL SCIENCES

SCIENTIFIC ACTIVITIES IN 2020

PUBLICATIONS

MAIN TOPICS

Communicating on electoral platforms
Effect of democracy on state capacity
Election inversion in the U.S. Presidential electoral system
Environmental policy with green consumerism
Executive accountability beyond outcomes
Funding and financing infrastructure: the joint-use of public and private finance
Gender differences in COVID-19 attitudes and behavior
How unemployment information passed between social ties influences Danish voters
Information's effect on voter-driven accountability in Senegal
Political alignment between firms and employees in the United States
Political determinants of economic exchange in Senegal.
Voting corrupt politicians out of office in Paraguay

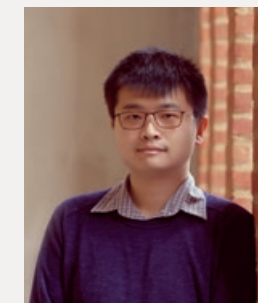
OUTLETS

American Journal of Political Science
Journal of Development Economics
Journal of Economic Behavior and Organization
Journal of Politics
Political Science Research and Methods
Proceedings of the National Academy of Sciences
Research and Politics
Social Choice and Welfare Health Affairs
Harvard Business Review
Journal of Machine Learning Research
Journal of Religion and Demography

RECRUITMENT



Abhit BHANDARI
PhD Political Science
Columbia University
Appointed IAST
Research Fellow



Erik WANG
PhD Political Science
Princeton University
Appointed IAST
Research Fellow

VISITORS

Horacio Larreguy
Associate Professor of Government at Harvard University, is visiting IAST and TSE for the 2020-2021 academic year

COURSES

Political Economy
TSE PhD program, 15 hours (taught by Philippe De Donder and Karine Van der Straeten)

MEDIA



A press release was published on a study by researchers from IAST, Science Po Paris and the University of York on the French population during the 2020 March containment policies. Their study suggests that older people and women are more likely to adhere, whilst extroverts, and supporters of the far right and far left, may be more likely to rebel. As Covid-19 restrictions tighten around the world, their findings provide insights into the potential public response and can help to ensure that health measures are effectively targeted.

EVENTS

■ Knowledge, Power, and the Quest for Political Equality

December 2020

Despite the pandemic, the "Knowledge, Power, and the Quest for Political Equality" conference was happily maintained - in a digital format - over three days in December 2020. Find out more in the Highlights section.





Psychologists at IAST work with researchers from anthropology, biology, computer science and economics to investigate human behavior across cultures, but also to investigate the behavior of non-human animals and intelligent machines.

Research topics in 2020 included how fake news propagate and how cultures evolve; how refugee parents care for and bond with their infants; how people perceive the minds of humans and machines; how people across the world think of morality, cooperation and punishment; and how human and non-human primates make risky decisions.

Results from these collaborations provide insights into the evolutionary roots of behavior, the struggles of contemporary humans, and the social-technological future of humanity.

PSYCHOLOGY

SCIENTIFIC ACTIVITIES IN 2020

PUBLICATIONS

MAIN TOPICS

Acoustic correlates of cooperativeness
Age-related neural correlates of facial trustworthiness detection during economic interaction
Alexithymia and autism diagnostic assessments
Belief in false news headlines
Contextual factors & risk preferences in adult humans
Direct and indirect punishment of norm violations in daily life
Disgust, anger, and aggression: equivalence of moral emotions
Fostering attachment security: the role of interdependent situations
Infant care practices among resettled refugee mothers from east and central Africa
Understanding how minds vary relates to skill in inferring mental states, personality, and intelligence

OUTLETS

Behavioral Processes
British Journal of Psychology
Children
Collabra: Psychology
International Journal of Environmental Research and Public Health
Journal of Experimental Psychology
Journal of Neuroscience, Psychology, and Economics
Nature Communications
Nature Human Behaviour
Proceedings of the National Academy of Science of the USA
Research in Autism Spectrum Disorders
Trends in Cognitive Science

OUTREACH



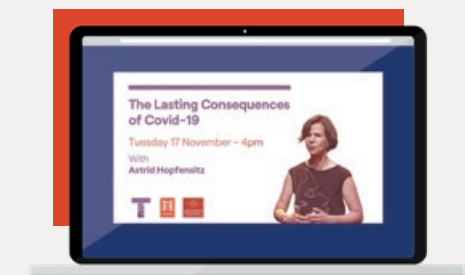
DETECTING FAKE NEWS TAKES TIME

The Wall Street Journal covered the research of Bence Bago on fake news



DRIVERLESS : WHO IS IN CONTROL ?

The research of Jean-François Bonnefon was featured in an exhibit at the British Science Museum



THE LASTING CONSEQUENCES OF COVID-19

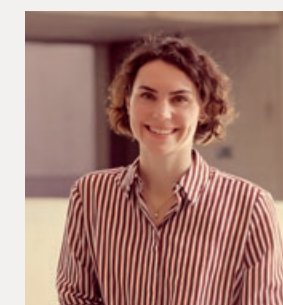
Astrid Hopfensitz spoke at the TSE -IAST Public webinar on the consequences of Covid 19 November 2020

POLICY

NEW RECOMMENDATIONS FOR A SAFE AND ETHICAL TRANSITION TOWARDS DRIVERLESS MOBILITY

The European Commission expert group chaired by Jean-François Bonnefon published its 20 policy recommendations for the ethics of driverless mobility

RECRUITMENT



Zoë PURCELL

PhD in Psychology
Macquarie University was appointed IAST Research Fellow

EU PROJECTS

SOCIAL NETWORKS AND CULTURAL EVOLUTION IN PREHISTORIC HUNTER-GATHERERS

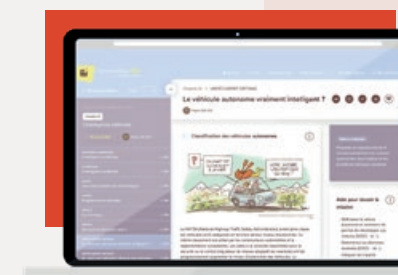
Maxime Derex was a panelist in a webinar series bringing together leading experts in archaeology, ecology, and anthropology to foster cross-disciplinary discussions on social networks and cultural evolution



EDUCATION

LE VÉHICULE AUTONOME VRAIMENT INTELLIGENT ?

The research of Jean-François Bonnefon was included in French high school textbooks, as part of the senior year science curriculum





SOCIOLOGY

SCIENTIFIC ACTIVITIES IN 2020

PUBLICATIONS

MAIN TOPICS

Muslim community leaders and local public authorities in France

Respectability politics of marginalized groups members

Transnational religion and national loyalties

OUTLETS

British Journal of Sociology
Genèses

Nations and Nationalism

Sociologists study social relationships and institutions, with an awareness of the connections between broad social forces and personal experiences. In this endeavor, IAST sociologists collaborate with economic historians, political scientists and social psychologists to understand human behavior in the context of social interactions and address some of the most challenging issues of our time: social inequalities, religious practices, discrimination and immigration.

Jan.
29-31
2020



PICTURE TAKEN AT THE PIREN EVENT IN AX-LES-THERMES, FRANCE

EVENTS

- *IAST Religion reading group*
organized by Margot Dazey and Elizabeth Dekeyser
- *IAST Workshop on Religion and Globalization*,
organized by Corine Bonnet, Margot Dazey and Paul Seabright, postponed due to Covid.
- *IAST Piren presentation on "Towards a global super-bourgeoisie?"* by Sébastien Chauvin, Institut des Sciences Sociales, University of Lausanne



PICTURE TAKEN AT THE PIREN EVENT IN AX-LES-THERMES, FRANCE

OUTREACH

Margot Dazey was interviewed for the online journal of the University Toulouse 1 Capitole on breaking out binary perceptions of Muslims in France.

COURSES

Economic Effects of Political Institutions, Masters Public Policy and Development
Margot Dazey, Imil Nurutdinov and Jan Stuckatz

KNOWLEDGE, POWER, AND THE QUEST FOR POLITICAL EQUALITY

Adapting to the sanitary crisis conditions, this conference was held online. The three-day event was co-organized by Thomas Christiano, University of Arizona and former IAST visitor, and Michael Becher, IE School of Global and Public Affairs and former IAST Assistant Professor.

The conference was deeply interdisciplinary with political philosophers from Arizona, LSE, Yale and Harvard and political scientists from the University of Geneva, IAST, University of California San Diego and a number of IAST fellows.

OVERVIEW

- When does democracy work well for nearly all citizens?
- What do citizens need to know to be good citizens and to make sure that their interests and concerns are taken into account?
- How much inequality in resources, such as money and information, is compatible with equality in political representation?
- How is information and representation shaped by the internet?
- Are there new institutional remedies to deal with failures of democratic representation?

This workshop addressed these fundamental questions about the functioning of twenty-first century democracy, as numerous countries face populist challenges to existing representative institutions and grapple with the role of social media and the

internet in mass politics. In particular, the event probed the relationship between political information and its distribution throughout the political society and the quality of democracy and the distribution of political power.

Special attention was paid to the interaction between the articulation of clear and plausible principles of democracy and the development of empirical research. This is based on the belief that a closer dialogue between political philosophy and empirical or positive social science research is needed to gain deeper insights, more clearly speak to public debates, and identify neglected areas for future research.



"Political scientists and political philosophers can learn much from each other. Political scientists are interested in understanding how to measure and explain how well the political world lives up to the ideal of political equality. Philosophers spend a lot of time trying to understand what this ideal of equality consists in and how to realize it. The IAST provides a splendid opportunity to bring these complementary concerns together in a mutually advantageous way."

Thomas Christiano

COVID-19 RESEARCH

'We had to adapt to the pandemic at dizzying speed'

Paul Seabright



2020 posed a formidable challenge for the social sciences. Researchers had to try to rapidly understand a major upheaval in our societies – from the way a tiny pathogen has spread across the globe, wreaking havoc on our bodies, to the way individual and social defense mechanisms have disrupted our normal lives. At the same time, we were all confined to our homes for much of the time, and severely limited in our ability to go out and observe the world the rest of the time.

Fortunately the same connected world that facilitated the spread of the virus also greatly helped our response to it. If international airline networks did much to speed the epidemic, the internet has enabled international collaboration in a vast range of fields, as well as remote data collection by researchers. The work of IAST anthropologist Jonathan Stieglitz in facilitating a coordinated policy response to the threat posed by Covid-19 to indigenous communities in the Amazon is a telling example, since Jonathan was unable to interact with these communities in person.

The Covid-19 pandemic has required a dizzying speed of adaptation and we will still be figuring out how to respond for some years to come. Here are just a few examples of the many research initiatives developed in 2020 by IAST researchers on some very up-to-the-minute questions about how our societies are responding:

- **Michael Becher** / On public opinion
Covid-19 and its discontents
- **Jean-François Bonnefon** / On life-and-death ethics
Who should get ventilators?
- **Daniel Chen** / On the heavy toll of us criminal justice
Incarceration and infection
- **Alice Mesnard & Paul Seabright** / On activity apps
Can smartphones ease lockdown?
- **Eva Raiber** / On posting prayers
How did churches react to Covid-19?
- **Leah Rosenzweig** / On health policies in Nigeria, Sierra Leone, and Uganda
Informing the pandemic response in Africa
- **Jonathan Stieglitz** / On risks and refuge
How can indigenous people fight the pandemic?



IAST VIRTUAL PARTY

A YEAR IN THE SPOTLIGHT FOR OUR NEW BUILDING

IAST moved into its new, purpose-built research facilities late 2019, designed to facilitate interaction between IAST and TSE faculty, students and staff.

March
2020

The building's designers, Yvonne Farrell and Shelley McNamara of Grafton Architects in Dublin, were awarded the prestigious Pritzker prize, widely considered as the "Nobel" prize for architecture. The first two women to be jointly recognized for the award, Yvonne and Shelley were commended for their sensitivity to the natural elements, as well as their emphasis on collaboration.

May
2020

The Architecture Record magazine featured our new building on its front cover, highlighting the prowess of the architects.

Sept.
2020

As part of the EU-wide Heritage Days initiative, we opened our new doors for the first time to the general public. Students of the École Nationale Supérieure d'Architecture in Toulouse hosted guided tours for 300 participants over the weekend, discussing the genesis, engineering and architectural vision of the new IAST/TSE building.



ARCHITECTURAL RECORD MAGAZINE
- MAY 2020



COVID-19 OUTREACH

In November 2020, as part of a series launched in partnership with the Toulouse School of Economics, two IAST members reached out to the public via an online webinar on the consequences of Covid-19:

- **Victor Gay**, Assistant professor (TSE & IAST) on the economic impact of Covid-19
- **Astrid Hopfensitz**, Associate Professor in Economics (TSE & IAST) on the pandemic and our social interactions

The event was moderated by **Ingela Alger**, Scientific Director at IAST.



VICTOR GAY



ASTRID HOPFENSITZ



INGELA ALGER



IAST prides itself on its wide, diverse and frequent interdisciplinary events. Every year, a great number of international academics visit and interact with our Toulouse-based community around conferences, seminars and workshops. Inevitably, the number of physical visitors in Toulouse in 2020 was very low, due to the Covid-19 pandemic. However, seminars and conference were widely replaced by online events, attracting high audiences from all over the globe.

EVENTS IN 2020

- PYRENEAN INTERDISCIPLINARY RESEARCH EVENT (PIREN)
- JOURNÉE INTERDISCIPLINAIRE SUR LA CONDITION ANIMALE (JICA)
- KNOWLEDGE, POWER, AND THE QUEST FOR POLITICAL EQUALITY

IAST SEMINARS IN 2020

ADLER Matt (Duke University School of Law)
 ANSELL Ben (OXFORD)
 BOURJADE Marie (Univ Jean JAURES / Toulouse)
 DURANTHON Francis (CNRS)
 FRANCK Raphael (Hebrew University of Jerusalem)
 GARCIA PENALOSA Cecilia (CNRS / EHESS)
 GRACIE Carrie (BBC)
 JAECCI Adrian (IEM)
 LOWES Sara (Stanford University)
 ORLANDO Ludovic (University Toulouse III/CNRS, University of Copenhagen)
 ROBERTSON Ian (Trinity College Institute of Neuroscience)
 STRICKLAND Brent (Institut Jean Nicod)
 WEITZ Shapiro (Rebecca Brown University)

IAST TUESDAY LUNCHES IN 2020

ALGER Ingela (IAST)
 AUBERT Cécile (TSE)
 BADER Lauren (IAST)
 BAGO Bence (IAST)
 BAYER Peter (TSE)
 BECHER Michael (IAST)
 BORAU Sylvie (TBS)
 BONNEFON Jean-François (TSE/IAST)
 CHABE FERRET Sylvain (TSE)
 COUVET Denis (National Museum of Natural History Paris)
 DEREK Maxime (IAST)
 GARFIELD Zachary (IAST)
 GAY Victor (TSE & IAST)
 GOKHALE Chaitanya (Max Planck Institute of Evolutionary Biology)
 KUMON Yuzuru (IAST)
 LOPER Jordan (Aix Marseille)
 MICHELETTI Alberto (IAST)
 NURUTDINOV Imil (IAST)
 RAIBER Eva (Aix Marseille S-E)
 RINGEN Erik (EMORY Uni)
 ROSENZWEIG Leah (IAST)
 SINGH Manvir (IAST)
 SUN Junze (European University Institute)
 STUCKATZ Jan (IAST)
 TAKENBERG Lex (PAYS BAS)
 TAPSOBA Augustin (TSE)
 WANG Erik (IAST)

EVENTS IN 2021

- | | |
|--|--|
| <p>Jan. 15 2021</p> <p>IAST EPISTEMOLOGY WORKSHOP:
 What are we doing? Doing research in interdisciplinary perspective</p> <p>Toulouse, France</p> | <p>May 27-28 2021</p> <p>BIG DATA IN ECONOMIC HISTORY CONFERENCE</p> <p>Toulouse, France</p> |
| <p>Mar. 29 2021</p> <p>TSE PUBLIC DEBATE
 Meet the experts: the economics of animal welfare</p> <p>Toulouse, France</p> | <p>May 24-28 & May 31-June 9 2021</p> <p>TOULOUSE SUMMER SCHOOL
 Quantitative Social Sciences offers a variety of courses taught by recognized experts in their fields.
 Part 1 : Economic and political institutions
 Part 2 : The evolution of human sociality</p> <p>Toulouse, France</p> |
| <p>May 03-04 2021</p> <p>8TH IAST/TSE CONFERENCE IN POLITICAL SCIENCE AND POLITICAL ECONOMY:
 Inequality, Migration, and Organized Interests</p> <p>Toulouse, France</p> | <p>July 1-2 2021</p> <p>3RD IAST-SCIENCES PO PARIS
 Conference on Political Science and Political Economy</p> <p>Toulouse, France</p> |
| <p>May 11-12 2021</p> <p>8TH TOULOUSE ECONOMICS AND BIOLOGY WORKSHOP
 Fertility: causes and consequences</p> <p>Toulouse, France</p> | |



IAST ensures knowledge is shared by making science available. Participation in expert groups, in scientific projects, local outreach events, contributions to the public debate, books, editorial activities are all produced for the scientific community and for society in a way the public can understand and learn from. Discover here below a list of our community's initiatives and dissemination of our scientists' latest work.

THE IAST MULTIDISCIPLINARY PRIZE

The IAST prize aims to facilitate crossdisciplinary fertilization and is awarded annually to outstanding multidisciplinary research projects. This year, the prize was shared between three projects:



- **JANE CONWAY AND MAXIME DEREX**
«*The Cultural Evolution of Thoughts*»
- **FRANCESCA DE PETRILLO, ZACHARY GARFIELD, ALBERTO MICHELETTI AND CATHERINE MOLHO**
«*TEAM-3PP --- Testing Evolutionary Alternative Models of Third-Party Punishment: A Multidisciplinary Approach*»
- **VICTOR GAY AND JAN STUCKATZ**
«*Who became a Nazi? A Structured Database of the German Denazification Questionnaires, 1945–1949*»



EDUCATION AND CULTURE

- **MANVIR SINGH** drafted an essay on psychedelic use in ancient cultures in *Vice*, as well as an essay on cuscuses in *Atlas Obscura*.
- The research of **JEAN-FRANÇOIS BONNEFON** was included in French high school textbooks, as part of the senior year science curriculum, and was featured in several museum exhibitions: Heinz Nixdorf Museum (Paderborn, Germany), British Science Museum (London, UK), Ase Electronica Center (Linz, Austria).
- **SABINE NÖBEL** acted as secretary for the ESLR (an early-career network for social learning and cultural evolution researchers)

+ www.eslrsociety.org

POLICY SUPPORT

JEAN-FRANÇOIS BONNEFON served as the chairman of the European Commission report of the Horizon 2020 Expert Group to advise on specific ethical issues raised by driverless mobility.



JEAN-FRANÇOIS BONNEFON

JEAN TIROLE was mandated with Olivier Blanchard by the President of the French Republic to set up a commission of economists to reflect and work on the three major economic challenges of the post-Cold War era: climate, inequality and demography.

JEAN TIROLE was also patron of the «Toulouse, territory of the future» commission, chaired by Marie Guillou, whose aim was to find ways to revive the Toulouse economy, post-Covid. A report with 11 proposals was submitted in September 2020 to the metropolis and local politicians to tackle the economic and aeronautical crisis in Toulouse.

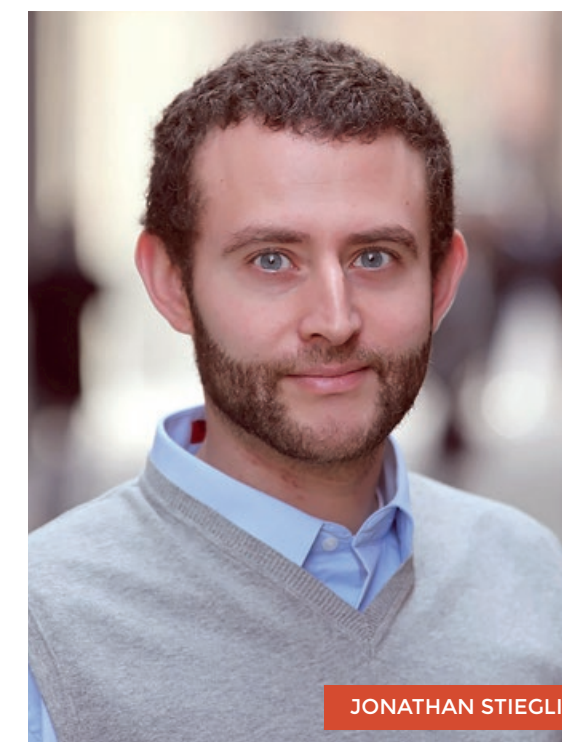


GRANTS

VICTOR GAY received support from the French national research agency (ANR) for his project «The Ontology-based Ancien Régime Data Infrastructure» under grant ANR-20-CE38-0015.

BOARDS

JONATHAN STIEGLITZ served as a panelist for US National Science Foundation grant programs, and was appointed Chair of the TSE/IAST Board for Ethical Standards in Research.

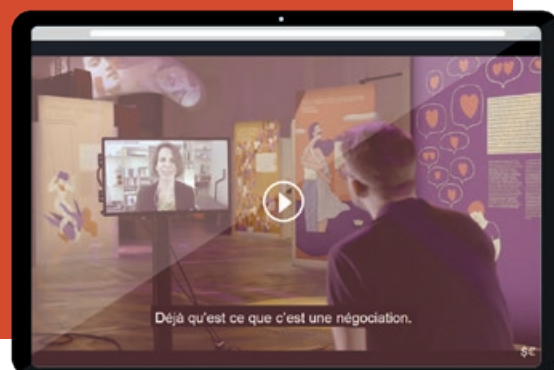


JONATHAN STIEGLITZ

IN THE PUBLIC EYE

+ VIDEO

YOUTUBE CHANNEL : STUPID ECONOMICS
«L'AMOUR PEUT-IL ÊTRE NÉGOCIÉ?»



March
11-13,
2020

EXHIBITION
«OF LOVE»

Quai des savoirs
Toulouse, France

Astrid Hopfensitz was interviewed during the 2020 exhibition «Of Love» at the Quai des savoirs in Toulouse on the economics of love and on the behavioural experiments of her current research on negotiation within couples.

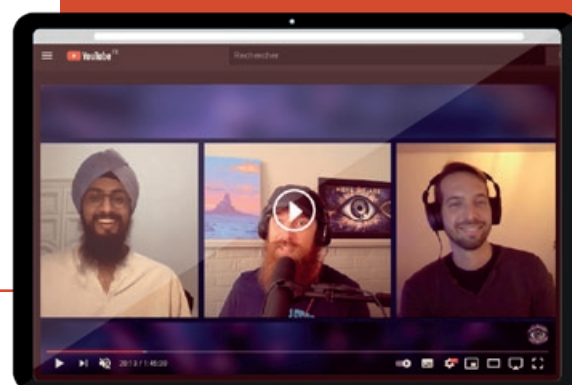
A video interview was created by Arnaud Gantier of the Stupid Economics channel

Oct.
08,
2020

«HERE WE ARE»

herewearepodcast.com

Manvir Singh and Zach Garfield appeared on the “Here We Are” podcast, episode 318, Anthropologists on Witchcraft.



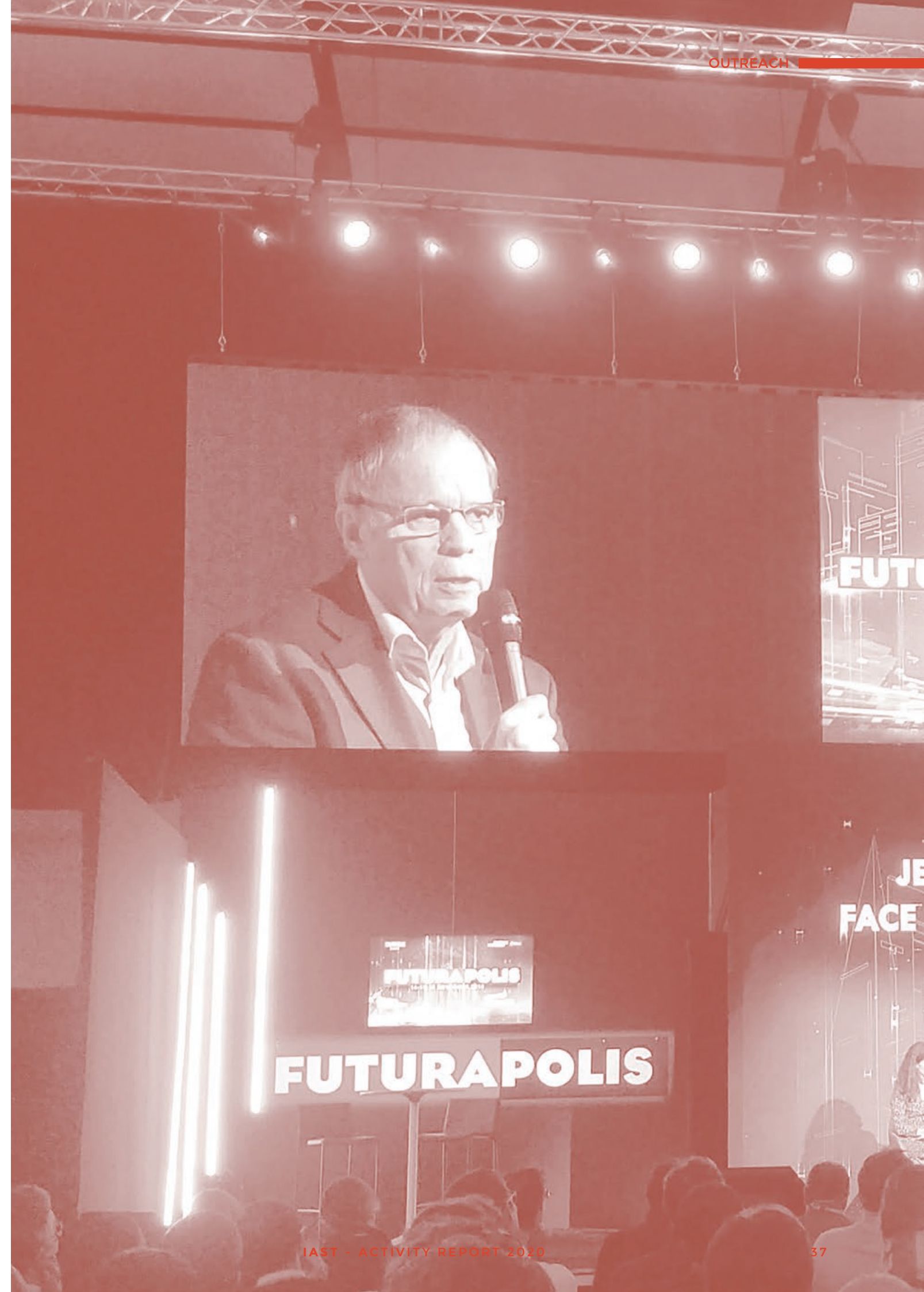
Nov.
16,
2020

FUTURAPOLIS

Quai des Savoirs
Toulouse, France

Paul Seabright and Jean Tirole both took part in roundtable events at the “Futurapolis” open public forum in Toulouse, organized by French media Le Point and broadcast worldwide.

Paul Seabright spoke on how the pandemic crisis is redefining the spaces of intimacy - public space/private space. Jean Tirole spoke on the decade of choices.





IN THE PRESS

As always, the IAST community strives to reach out to the general public on its research findings. 2020 was a particularly impressive year for press interactions, with 9 press releases published on breaking scientific discoveries, and a grand total of 51 articles published in the media, both French and international. Here is a selection:

February 20
2020

«FAUT-IL AVOIR PEUR DES ALGORITHMES ?»

Jean-François Bonnefon
France Inter

March 28,
2020

LE PESSIMISME ET LA DÉFIANCE DES FRANÇAIS EN NETTE PROGRESSION

Michael Becher
Le Monde

March 31,
2020

IL FAUT PRENDRE EN CONSIDÉRATION LE RÔLE DE LA CONSOMMATION DE VIANDE ET L'ÉLEVAGE INTENSIF DANS CES NOUVELLES ÉPIDÉMIES

Nicolas Treich
Le Monde

April 3,
2020

HAVE TO PROTECT GLOBALISM TO MITIGATE ECONOMIC SHOCK OF COVID-19

Nobel laureate says
Jean Tirole
CNBC

April 18,
2020

ARRÊTER DE SE MAQUILLER (OU PAS) PENDANT LE CONFINEMENT : CE QUE CELA SIGNIFIE POUR VOUS

Sylvie Borau
Terrafermina

May 1,
2020

EASING LOCKDOWN, DIGITAL APPLICATIONS CAN HELP

Paul Seabright
Vox.eu

May 15,
2020

VOLUNTARY COLLECTIVE ISOLATION IS BEST RESPONSE TO COVID-19 FOR INDIGENOUS POPULATIONS

Jonathan Stieglitz
Eurekalert

August 4,
2020

STUDY LINKS JAILING PRACTICES TO COVID-19 SPREAD

Daniel Chen
Medical Xpress

September 27,
2020

SÉNATORIALES 2020 : POURQUOI LE SÉNAT EST NÉCESSAIRE ?

Wanda Mastor
Huffingtonpost

December 24,
2020

ENTRE SANTÉ PUBLIQUE ET ÉCONOMIE, QUEL EST LE BON DOSAGE ?

Frédéric Cherbonnier
Les Échos

December 25,
2020

FRANCE'S YOUTH IN THE PANDEMIC - A SACRIFICED GENERATION ?

Emmanuelle Auriol
Handelsblatt



IAST MAGAZINE

The IAST was pleased to present in November 2020 the 16th edition of its 24-page outreach magazine, featuring the latest work of its researchers on their Covid-19 projects and an in-depth dossier on the history of violence.

The special focus on conflict and violence in our deep past and present looked at how IAST researchers and visitors utilize a variety of theories from the social and behavioral sciences to explore wide-ranging questions about the evolution of conflicts

in humans and their present manifestations:

- *How can looking at our close chimpanzee relatives' behavior help us understand our own human past?*
- *Under what conditions does conflict promote cooperation and altruism?*
- *Why don't women go to war?*
- *Do the harsh stances of far-right political parties push*



IAST MAGAZINE 16
WINTER 2020



IAST VISITORS IN 2020

ALONZO Suzanne, University of California Santa Cruz

ESPINOSA Romain, University of Rennes 1

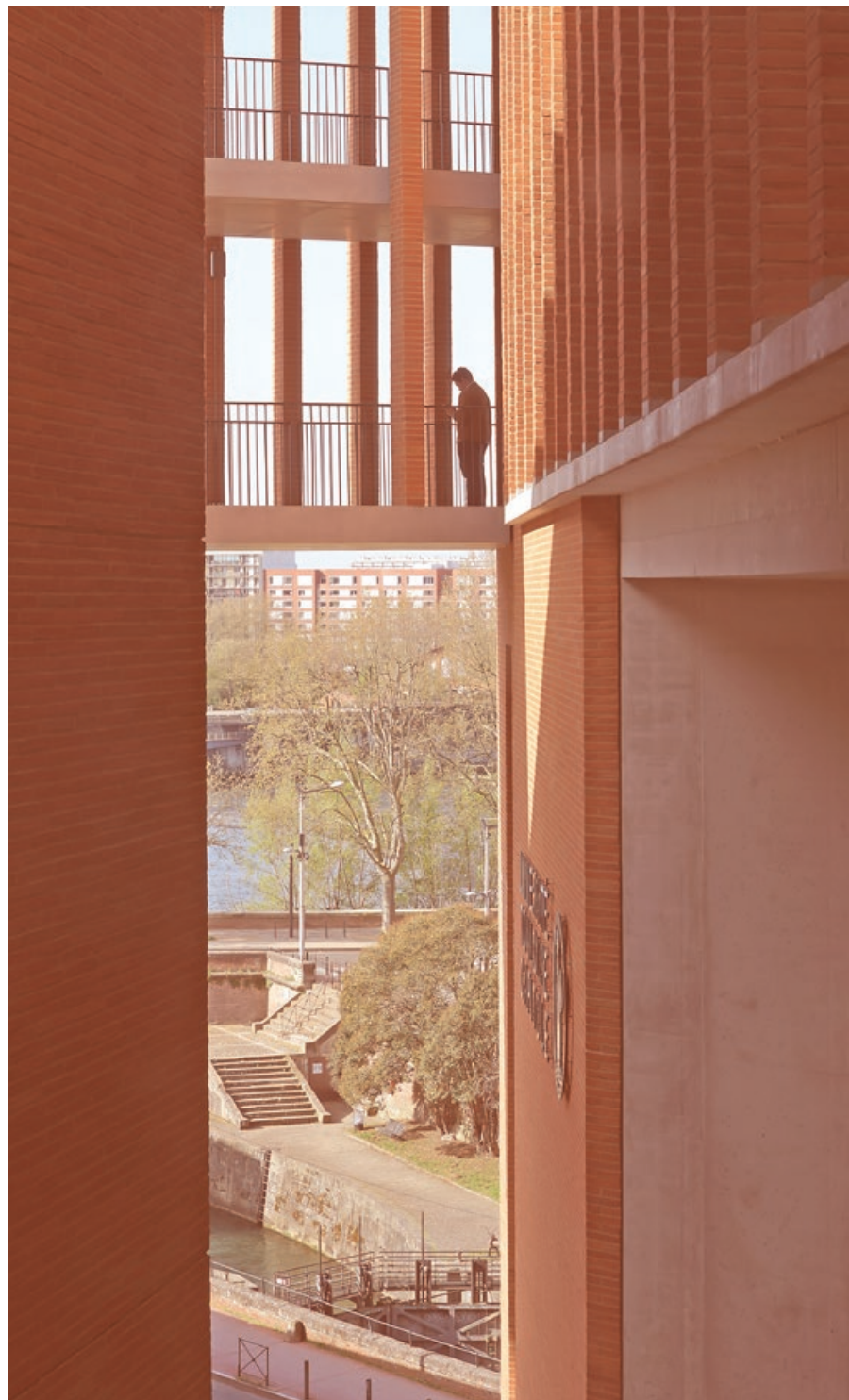
FOUCAULT Martial, Sciences Po Paris

GOKHALE Chaitanya, Max Planck Institute for Evolutionary Biology

KRAMER Karen, University of Utah

LARREGUY Horacio, Harvard University

ROBERTSON Ian, Trinity College Dublin



IAST PUBLICATIONS IN 2020

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Ingela Alger, Jörgen W. Weibull and Laurent Lehmann, «Evolution of preferences in structured populations: Genes, guns, and culture», Journal of Economic Theory, vol. 185, n. 104951, January, 2020.

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Lauren Bader, J.M. Ward, H.N. Fouts and J. Jaekel, «Infant care practices among resettled refugee Mothers from East and Central Africa», Children, vol. 7, n. 6, June, 2020, p. 1-19.

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Edmond Awad, Sohan Dsouza, **Jean-François Bonnefon**, Azim Shariff and Iyad Rahwan, «Crowd-sourcing moral machines», *Communications of the ACM*, vol. 63, n. 3, March, 2020, p. 48-55.

Sylvie Borau and **Jean-François Bonnefon**, «Gendered products act as the extended phenotype of human sexual dimorphism: They increase physical attractiveness and desirability», *Journal of Business Research*, vol. 120, March, 2020, p. 498-508.

Boris Van Leeuwen, Paul Smeets, **Jeanne Bovet**, Gideon Nave, Jonathan Stieglitz and Andrew Whitehouse, «Do sex hormones at birth predict later-life economic preferences? Evidence from a pregnancy birth cohort study», *Proceedings of the Royal Society B: Biological Sciences*, vol. 287, n. 1941, December, 2020.

Marcel Boyer, «Competition, Open Social Democracy, and the COVID-19 Pandemic», *Concurrences Review*, n. 2, May, 2020, p. 33-38.

Daniel L. Chen, «Gender Violence and the Price of Virginity: Theory and Evidence of Incomplete Marriage Contracts», *Journal of Religion and Demography*, vol. 7, n. 2, October, 2020, p. 190-221.

Yu Cao, Elliott Ash and **Daniel L. Chen**, «Automated fact-value distinction in court opinions», *European Journal of Law and Economics*, vol. 50, December, 2020, p. 451-467.

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Luke Glowacki, Michael Wilson and Richard Wrangham, «The evolutionary anthropology of war», *Journal of Economic Behavior and Organization*, vol. 178, October, 2020, p. 963-982.

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EVOLUTION OF ANNUAL EXPENDITURE, IAST, IN “000 EUROS”

2012	2013	2014	2015	2016	2017	2018	2019	2020
664	1018	1292	2090	2814	3467	4061	2335	2148

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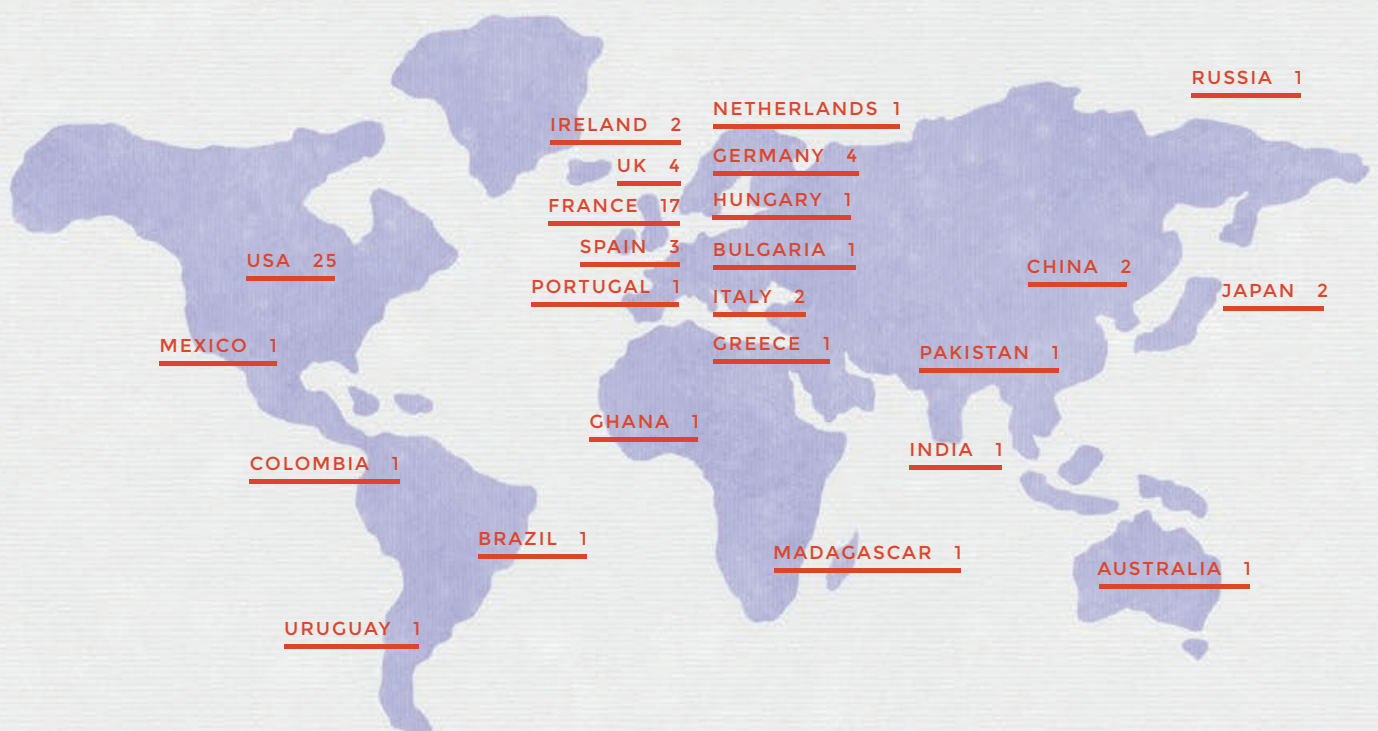
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