A Message from SFI Vice President for Science

Blustery and laden with juniper pollen, but still beautiful, spring is upon us high in the very southern reaches of the Rocky Mountains. We are a month into our second quarter and things are ramping up as we soon transition into our June-August high season (for both SFI and Santa Fe). As I write this the week of April 24, we are getting ready for our annual Science Board Symposium & Business meeting, as well as our biannual Board of Trustees meeting and periodic Science Steering Committee meeting (April 28-30). The topic of the symposium, held at SITE Santa Fe, is “The Complexity of Knowledge” and includes talks by Celeste Kidd (UC Berkeley) and Jeremy Avigad (CMU) Friday afternoon and Anna Rogers (IT U Copenhagen) and James Evans (U Chicago, SFI) Saturday morning.

In April, we hosted a working group on “Global Dynamics of Inequality II,” organized by SFI external faculty Tim Kohler, Amy Bogaard, and Scott Ortman (April 3-6). Two workshops also took place. On April 19-21, the last of the long-delayed approved meetings from 2020 postponed due to Covid finally convened, and fittingly its topic was “Dynamics of Interacting Contagions.” The organizers included SFI alums Laurent Hébert-Dufresne and Juniper Lovato (U Vermont) along with Sid Redner and Mirta Galesic. Melanie Mitchell, Tyler Millhouse (recent SFI pdoc) and Melanie Moses (ex fac) hosted a workshop on “AI and the Barrier of Meaning II,” April 24-26. This was a follow up to a 2018 workshop that happened before the rapid rise of LLMs, so there was plenty of grist for the mill.

In May, we have a variety of science meetings. Postdoc Helena Miton hosts a micro working group on “EvolTrade: Uncovering the Dynamics and Causes of Expanding Exchange Networks through Global History” May 17-19. SFI postdocs are having an offsite “72 Hours of Science” retreat May 21-25. External professors Marco Buongiorno-Nardelli and Miguel Fuentes are hosting a working group on “Complexity and the Structure of Music: Universal Features and Evolutionary Perspectives Across Cultures” (May 30-June 2), which includes an afternoon performance by a string quartet in the Noyce conference room at the end of the meeting. We also have two workshops planned: “Information Architectures as Sociotechnical Competitions” (ex fac Paul Smaldino and colleagues, May 9-11), and “Simulation Games for Global Pandemic Resilience” (ex fac Lauren Ancel Meyers and colleagues, May 17-18).

From a science meetings perspective, June is quiet, with a June 13-15 working group on “From Cells to Societies: Regulatory Mechanisms at Work,” (Vicky Yang, Hyejin Yoon, Chris Kempes, Sid Redner, Geoffrey West) and a June 26-29 micro working group on “Scaling and Universality in Protein Networks” (SFI & JSMF Postdocs Ignacio Arroyo, Veronica Capelli, Nicholas Landry, and Anshuman Swain).

However, in every other respect, June, especially the second half of June into early July, will be peak busy-ness. On the education side, the Complex Systems Summer School (housed at IAIA - Institute of American Indian Arts) begins in June and meets on Fridays in the Noyce conference room at SFI’s Cowan campus. With CSSS comes many external faculty lecturers who have attached longer visits to SFI around their teaching, filling all available visitor spaces from mid-June through early July. The two-week Graduate Workshop in Computational Social Science, led by ex fac John Miller and Scott Page, runs June 18-30. The UCR program (Undergraduate Complexity Researchers) also begins in June, bringing 10 undergrads to SFI for the summer to develop and work on projects in complexity science with faculty and postdocs.

SFI is also conducting a major experiment June 20-22 — our first ever hosting of a conference in downtown Santa Fe, organized by Jessica Flack with support from Caitlin McShea: Collective Intelligence Symposium & Short Course. This event features a full conference program with lectures and debates each day and with social events each evening for all attendees including plenary speakers, SFI faculty, academics, early career researchers, professionals, and artists. If any of you plan to be in Santa Fe at that time and would like to attend the conference,
Updates & Trends

Susan Carter, J.D.
Director of Research Development & Sponsored Research

LOU SCHUYLER INTERNAL RESEARCH GRANT AWARD

Congratulations to Stefani Crabtree, the most recent recipient of the Lou Schuyler Internal Postdoctoral Research Grant for her proposal, *Investigating How Rapid Climate Change Impacts Pastoralist Food Webs in Northern Mongolia*, awarded in March 2023.

CHANGES TO NSF—REQUIRED RESPONSIBLE CONDUCT OF RESEARCH TRAINING

Researchers at SFI are reminded that the most recent version of the National Science Foundation (NSF) Proposal and Award Policies and Procedures Guide (PAPPG NSF 23-1) requires that updated training in Responsible and Ethical Conduct of Research (RECR) be provided to all NSF funded researchers, including undergraduate students, graduate students, postdoctoral researchers, faculty, and other senior personnel (including staff) on NSF grants. The revised section also identifies that the content of the training must address mentor training and mentorship. This new requirement will go into effect for new proposals submitted or due on or after July 31, 2023. SFI will provide this updated training as part of its online CITI training program; researchers will be notified once the updated modules are available; updates are expected to be available prior to July 1, 2023.

Funding & People

RECENT AWARDS

**William Tracy.** Siegel Family Endowment Research Fellowship, The Impact of Technology on Society. $480,000 over two years.

**Anna Guerrero.** James S. McDonnell Foundation 21st Century Science Initiative Understanding Dynamic and Multi-scale Systems Postdoctoral Fellowship Award (https://doi.org/10.37717/2021-3604). $200,000 over two years.

EXTERNAL FACULTY PROFILE

Sonia Kéfi:
Research Director at the CNRS, based at the Institut des Sciences de l’Evolution de Montpellier (ISEM), France; Chair of the scientific department CHANGE

1. **How did you first get involved with SFI?**
   
   I attended a workshop on early warning signals for regime shifts in ecosystems organized by Marten Scheffer and colleagues in 2011. During my visit, I was fascinated by the atmosphere, the intellectual stimulation, the mix of disciplines and approaches, and the venue itself. Since then, I have been eager to return!

2. **What does SFI mean to you?**
   
   An incredibly stimulating intellectual environment. A place of inspiration, where creativity is boosted by the exchange of ideas across disciplines. An invitation to think outside the box. A welcoming and generous scientific community.

3. **How have you been involved with SFI recently? What are you working on now?**

   I am enthusiastic about ongoing projects with Jennifer Dunne and Spencer Wood on ecological networks and with Ricard Solé on dryland resilience.

please email Caitlin McShea at cmcshea@santafe.edu. For more info go to www.santafe.edu/ci-2023.

On the public facing side, the 2023 SFI Community Lecture Series (free at The Lensic with reserved tickets) commenced with an April 11 panel discussion on “AI: Oppression or Innovation” with SFers Stephine Forrest, Cris Moore, and Melanie Moses. On May 23, John Baez of UC Riverside will speak about “Visions for the Future of Physics.” And on June 20, SFI Miller Scholar Andrea Wulf will discuss and sign copies of her much-lauded recent book, “Magnificent Rebels: The First Romantics and the Invention of the Self.” Many thanks to The McKinnon Family Foundation, The Lensic Performing Arts Center, and the Santa Fe Reporter for their support of the 2023 SFI Community Lecture Series.

Cheers,

Jennifer Dunne
Vice President for Science
I have participated to workshops on “Ecological complexity and the 6th extinction” in 2020 and more recently on “Synthesizing Biological Scaling: Towards a Universal Theory” in 2022. I am also planning a working group with Ricard Solé on emergent properties in dryland ecosystems.

I haven’t been able to spend as much time as I wanted at SFI these last few years because of the COVID but I’ve greatly enjoyed my visits to SFI, which I always find amazingly stimulating and inspiring.

4. What are you working on now?

My work generally aims at contributing to the fundamental understanding of stability and resilience of ecological systems. More specifically, there are currently two broad types of questions that I am focusing on.

I am interested in understanding the role of the architecture of ecological communities. Natural systems form tightly-knit interaction networks between species, whose architecture hold some of the keys to understanding how whole ecosystems can cope with change. How does the diversity of interaction types — which we know exists in nature but has scarcely been incorporated in ecological models — affect the way we understand the functioning and stability of ecological communities? Our project with Spencer Wood, Jennifer Dunne and other colleagues aims at answering that question.

I also aim at developing practical tools to better anticipate ecosystem responses to future environmental change. For this, I use dryland ecosystems as a case study. In most drylands, vegetation is typically not homogeneously spread in space but gathered in patches of vegetation separated by areas of bare ground. Theoretical models have suggested that the way the vegetation is spatially structured in these ecosystems reflects the level of stress they experience. This suggests that this spatial structure, visible from aerial or satellite images, could be used to identify vulnerable ecosystems. With Ricard Solé, Fernando Maestre, and other colleagues, we’re confronting the predictions of the theoretical models to data from drylands worldwide in the hope that practical tools could be developed to pinpoint fragile areas to upcoming changes.

Opportunities

Please contact Susan Carter, SFI Research Development Director, at scarter@santafe.edu or Lori Kam, Sponsored Research Pre-Award Specialist, at lkam@santafe.edu, for more information or assistance with these or other Sponsored Research funding opportunities.
presented by computational experimentation, modeling, and simulation on the one hand, and production and analysis of digital data from experimental and observational sources on the other. The goal of the program is to promote the creation and development of the next generation of mathematical and statistical software tools, and the theory underpinning those tools, that will be essential for addressing these challenges.

Proposals of interest to the program must include a Principal Investigator or co-Principal Investigator who is a researcher in an area supported by the Division of Mathematical Sciences. The program welcomes submission of proposals that include multidisciplinary collaborations.

Deadline: Proposals accepted anytime.

Centers for Research and Innovation in Science, the Environment and Society (CRISES); NSF PD 23-265Y

NSF seeks to build research capacity and infrastructure to address complex and compounding national and global crises whose solutions require a human-centered approach. To help generate effective and long-lasting solutions that benefit the entire U.S. public, NSF is providing this funding opportunity to inform possible future Centers for Research and Innovation in Science, the Environment and Society (CRISES). The envisioned centers will catalyze new research and research-based innovations to address seemingly intractable problems that confront our society. They will develop evidence-based solutions that address fundamental quality-of-life issues, such as those involving the environment, extreme weather and sustainability; workforce and the economy; equity and access to opportunities; and well-being. CRISES supports planning, conference and EAGER proposals to catalyze ideas that will potentially inform or serve as the basis for a larger, center-scale program.

This opportunity supports researchers in the social, behavioral and economic sciences who use empirical methods to grapple with crises that impact individuals, families, organizations, regions, nations or our entire planet. The Centers for Research in Science, the Environment and Society initiative invites proposals to take the first steps toward developing large-scale interdisciplinary research activities that will address today’s crises and ultimately enhance people’s quality of life.

Target date for submission: June 26, 2023.

Research Collaboration Opportunity in Europe for NSF Awardees; Dear Colleague Letter; NSF 23-085

NSF and the European Research Council are inviting current NSF grantees to submit supplemental funding requests for research visits to any identified, appropriate European Research Council-funded European research group. NSF particularly encourages requests from NSF grantees who are early in their careers or who are still actively building their careers. Supplemental funding may be used to support travel for the PI, co-PI, postdocs, other Senior Personnel, and graduate students funded on the award.

Deadline: Requests must be received at NSF at least 3 months prior to the proposed visit, but no later than May 26, 2023, for consideration using Fiscal Year 2023 funds.

Research Coordination Networks (RCN); NSF 23-529

The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic, and international boundaries. The RCN program provides opportunities to foster new collaborations, including international partnerships where appropriate, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, training, broadening participation, and development of community standards for data and metadata are especially encouraged. RCN awards are not meant to support existing networks; nor are they meant to support the activities of established collaborations. Rather, the RCN program supports the means by which investigators can share information and ideas; coordinate ongoing or planned research activities; foster synthesis and new collaborations; develop community standards; and in other ways advance science and education through communication and sharing of ideas.

Proposed networking activities directed to the RCN program should focus on a theme to give coherence to the collaboration, such as a broad research question or a particular technology or a unique approach to address a current challenge. PIs are encouraged to consider approaches that enhance the geographic diversity of participation in the chosen theme.

Participating programs in the Directorates for Biological Sciences (BIO), Computer and Information Science and
Engineering (CISE), Geosciences (GEO), STEM Education (EDU), Engineering (ENG), Social, Behavioral and Economic Sciences (SBE), and Technology, Innovation and Partnerships (TIP) will accept RCN proposals. PIs are encouraged to discuss suitability of an RCN topic with a program officer that manages the appropriate program. For proposals submitted to the CISE, ENG, SBE and TIP directorates consultation prior to submission is mandatory (see Proposal Preparation instructions).

Deadlines: Submission deadlines vary by program. RCN proposals should be submitted to a particular NSF program according to the program’s submission dates; some programs allow submission at any time.

Human Networks and Data Science (HNDS); NSF 23-568

The Human Networks and Data Science program (HNDS) supports research that enhances understanding of human behavior by leveraging data and network science research across a broad range of topics. HNDS research will identify ways in which dynamic, distributed, or heterogeneous data can provide novel answers to fundamental questions about individual or group behavior. HNDS is especially interested in proposals that provide data-rich insights about human networks to support improved health, prosperity, and security.

HNDS has two tracks:

Human Networks and Data Science — Infrastructure (HNDS-I). Infrastructure proposals will address the development of data resources and relevant analytic techniques that support fundamental Social, Behavioral and Economic (SBE) research.

Human Networks and Data Science — Core Research (HNDS-R). Core research proposals will advance theory in a core SBE discipline by the application of data and network science methods.


USDA NATIONAL INSTITUTE OF FOOD AND AGRICULTURE (NIFA)

Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program

The AFRI grants program provides funding for fundamental and applied research, education, and extension projects in the food and agricultural sciences. In this RFA, NIFA requests applications for six AFRI priority areas: Plant health and production and plant products; Animal health and production and animal products; Food safety, nutrition, and health; Bioenergy, natural resources, and environment; Agriculture systems and technology; and Agriculture economics and rural communities. This RFA solicits Standard Grants, Conference Grants, Coordinated Agricultural Project Grants, and Food and Agricultural Science Enhancement (FASE) Grants. Grant types and project types solicited vary by program area priority and not all grant types are solicited within each program area priority.


FOUNDATIONS

Simons Foundation Targeted Grants in MPS

The Targeted Grants in Mathematics and Physical Sciences program is intended to support high-risk theoretical mathematics, physics and computer science projects of exceptional promise and scientific importance on a case-by-case basis. The foundation strongly encourages
applications from scientists from underrepresented groups.

Applications may be submitted by established U.S. and foreign public and private educational institutions and stand-alone research centers.

**Deadline:** A Letter of Intent may be submitted at any time; full proposals by invitation only.

**John Templeton Foundation**

The John Templeton Foundation provides support guided by its overall mission to support research and catalyze conversations that inspire people with awe and wonder. Current funding areas explore Character Virtue Development; Culture and Global Perspectives; Human Sciences; Individual Freedom & Free Markets; Life Sciences; Mathematical & Physical Sciences; Philosophy & Theology; and Public Engagement. Interested applicants are asked to submit a letter of inquiry by the indicated deadline in the grants calendar; full proposals are by invitation only.


**Looking Ahead**

**EVENTS**

**Science Talks**

4/4/2023 Seminar “Slice of Science ChatGPT, Post-Literacy, & SFI-As-Monastery” by Maell Cullen, SFI; Arseny Moskvichev, SFI

4/5/2023 Seminar “Reservoir Computing for Predicting the Dynamics of Complex Systems” by Michelle Girvan University of Maryland, College Park

4/12/2023 Seminar “Rank dynamics” by Carlos Gershenson Universidad Nacional Autónoma de México (National Autonomous University of Mexico)

4/13/2023 Seminar by Geoffrey B. West SFI

4/18/2023 Seminar by Lilianne Mujica-Parodi Stony Brook University, State University of New York

5/3/2023 Colloquium “Dark Matter in the Universe” by Katherine Freese University of Michigan


5/8/2023 Seminar “Modelling SARS-CoV-2 immunoepidemiology” Chadi Saad-Roy University of California, Berkeley

5/15/2023 Seminar by Ben Kovitz Indiana University Bloomington

5/25/2023 Colloquium by Mimi Koehl University of California, Berkeley; SFI

6/7/2023 Seminar “Fungi, Forests, Group Selection, and Sustainable Societies” by John Harte University of California, Berkeley; SFI

6/8/2023 Seminar “Heterogeneity and temporal balance” by Carlos Gershenson Universidad Nacional Autónoma de México (National Autonomous University of Mexico)

**Science Meetings**

4/3-5/2023 Working Group “Global Dynamics of Inequality II,” organized by Scott Ortman, Tim Kohler, Amy Bogaard

4/19-21/2023 Workshop “Dynamics of Interacting Contagions,” organized by Laurent Hébert-Dufresne, Juniper Lovato, Mirta Galesic, Sid Redner

4/24-26/2023 Workshop “AI and the Barrier of Meaning 2,” organized by Melanie Mitchell, Tyler Millhouse, Melanie E Moses

4/28-29/2023 Meeting “The Complexity of Knowledge” David Krakauer

4/28/2023 Meeting — SSC meeting Jennifer Dunne, John H. Miller

4/29/2023 Meeting — Science Board meeting Renée Tursi

5/9-11/2023 Working Group “Information Architectures as Sociotechnical Competitions,” organized by Paul Smaldino, Adam Russell, Dan Patt


5/17-18/2023 Workshop “Simulation Games for Global Pandemic Resilience,” organized by Lauren Meyers, Francesca de Rosa, Margaret Polski
5/21-25 Working Group “72 Hours,” organized by Maell Cullen, James Holehouse


6/4/2023 — 8/12/2023 Schools — Undergraduate Complexity Research (UCR)

6/6/2023 — 8/25/2023 Course “Introduction to Agent-Based Modeling MOOC”

6/11/2023 — 7/7/2023 Schools — Complex Systems Summer School (CSSS)


6/18-30/2023 Schools — Graduate Workshop in Computational Social Science (GWCSS)


6/26-29/2023 Micro Working Group “Scaling and Universality in Protein Networks,” organized by Ignacio Arroyo, Veronica Capelli, Nicholas Landry, and Anshuman Swain

Visitors

Carlos Gershenson, Universidad Nacional Autónoma de México, 7/1/2022 — 5/31/2023. SFI Host: Jennifer Dunne

Milena Tsvetkova, London School of Economics and Political Sciences, 1/1/2023 — 4/30/2023. SFI Host: Mirta Galesic

Aaron King, University of Michigan; SFI, 3/9/2023 — 4/5/2023. SFI Host: Jennifer Dunne

Michelle Girvan, University of Maryland; SFI, College Park, 3/31/2023 — 4/8/2023. SFI Host: Jennifer Dunne

Tim Kohler, Washington State University; SFI, 4/4-9/2023. SFI Host: Jennifer Dunne

Stefani Crabtree, Utah State University; SFI, 4/4-7/2023. SFI Host: Jennifer Dunne

Seth Blumsack, Pennsylvania State University; SFI, 4/13-16/2023. SFI Host: Jennifer Dunne

John Kaag, University of Massachusetts Lowell; SFI, 4/15-24/2023. SFI Host: Jennifer Dunne

Peter Dodds, University of Vermont; SFI, 4/16-22/2023. SFI Host: Jennifer Dunne

Lilianne Mujica-Parodi, Stony Brook University, State University of New York, 4/17-21/2023. SFI Host: Jennifer Dunne

Hyejin Youn, Northwestern University; SFI, 4/17-24/2023. SFI Host: Jennifer Dunne

Jisung Yoon, Northwestern University, 4/17-24/2023. SFI Host: Hyejin Youn

Douglas Erwin, Smithsonian Institution; SFI, 4/17/2023 — 5/3/2023. SFI Host: Jennifer Dunne

Sonia Kefi, Institute of Evolutionary Science of Montpellier; SFI, 4/18/- 29/2023. SFI Host: Jennifer Dunne

Ross Hammond, Brookings Institution; SFI, 4/18-21/2023. SFI Host: Jennifer Dunne

Paul Krapivsky, Boston University; SFI, 4/18-24/2023. SFI Host: Sid Redner

Spencer Wood, University of Washington, 4/23-29/2023. SFI Host: Jennifer Dunne

Ted Chiang, Author; SFI, 4/23-30/2023. SFI Host: David Krakauer


Chadi Saad-Roy, University of California, Berkeley, 5/7-12/2023. SFI Host: Mingzhen Lu


Ben Kovitz, Indiana University Bloomington, 5/14-17/2023. SFI Host: Melanie Mitchell

Ruth Mostern, University of Pittsburgh 5/16-20/2023. SFI Host: Jennifer Dunne

Peter Turchin, University of Connecticut, 5/16-20/2023. SFI Host: Jennifer Dunne

Marco Buongiorno Nardelli, University of North Texas; SFI, 5/20/2023 — 7/7/2023. SFI Host: Jennifer Dunne

Amos Golan, American University; SFI, 5/21-26/2023. SFI Host: Jennifer Dunne
Mimi Koehl, University of California, Berkeley; SFI, 5/23/2023 — 6/13/2023. SFI Host: Daniel Muratore


Andrea Wulf, Author; SFI, 5/31/2023 — 6/26/2023. SFI Host: David Krakauer

Stuart Firestein, Columbia University; SFI, 6/1-9/2023. SFI Host: David Krakauer

Andreas Wagner, Universität Zürich; SFI, 6/3-17/2023. SFI Host: Jennifer Dunne


Jana Lasser Graz, University of Technology, 6/4-9/2023. SFI Host: Mirta Galesic

Anish Pandya, University of Texas at Austin, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Juniper Rodriguez, Purdue University, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Nathan Hasegawa, Harvey Mudd College, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Carina Kane, University of Chicago, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Syeda Abeera Amir, Minerva University, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Shloka Janapaty, Columbia University, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Ky-Vinh Mai, University of California, Irvine, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Andrew Geyko, University of New Mexico, 6/4/2023 — 8/12/2023. SFI Host: Carrie Cowan

Krešimir Jakšić, University of Zadar, 6/5-9/2023. SFI Host: Mirta Galesic

John Miller, Carnegie Mellon University; SFI, 6/5/2023-7/28/2023. SFI Host: Jennifer Dunne

Artemy Kolchinsky, University of Tokyo, 6/10-12/2023. SFI Host: Jennifer Dunne

Ana Macanovic, Utrecht University, 6/12-16/2023. SFI Host: Mirta Galesic

Eleanor Power, London School of Economics and Political Sciences; SFI, 6/12-27/2023. SFI Host: Will Tracy

Elizabeth Bradley, University of Colorado Boulder; SFI, 6/12-15/2023. SFI Host: Carrie Cowan

Hyejin Youn, Northwestern University; SFI, 6/12-26/2023. SFI Host: Carrie Cowan

Jordi Piñero, Universitat Pompeu Fabra, 6/13-27/2023. SFI Host: Jennifer Dunne

Rajiv Sethi, Barnard College of Columbia University; SFI, 6/13-14/2023. SFI Host: Carrie Cowan

Aaron Clauset, University of Colorado Boulder; SFI, 6/13-15/2023. SFI Host: Carrie Cowan

Stefani Crabtree, Utah State University; SFI, 6/15/2023 — 7/15/2023. SFI Host: Jennifer Dunne

Andre de Roos, Universiteit Amsterdam; SFI, 6/15/2023 – 7/31/2023. SFI Host: Jennifer Dunne

Sara Walker, Arizona State University; SFI, 6/17/2023 — 7/17/2023. SFI Host: Jennifer Dunne

Ted Chiang, Author; SFI, 6/18-24/2023. SFI Host: David Krakauer

Kaan Öcal, University of Edinburgh, UK, 6/19-23/2023. SFI Host: James Holehouse

Montrell Vass, The Johns Hopkins University, 6/19/2023 — 9/29/2023. SFI Host: David Krakauer

Jenna Bednar, University of Michigan; SFI, 6/19-20/2023. SFI Host: Carrie Cowan

Pamela Yeh, University of California, Los Angeles; SFI, 6/19/2023 — 7/1/2023. SFI Host: Carrie Cowan

Van Savage, University of California, Los Angeles; SFI, 6/19/2023 — 7/1/2023. SFI Host: Jennifer Dunne

Niall Ferguson, Stanford University, 6/19-23/2023. SFI Host: David Krakauer

James Evans, University of Chicago; SFI, 6/20-21/2023. SFI Host: Carrie Cowan

Luis Bettencourt, University of Chicago; SFI, 6/21-22/2023. SFI Host: Carrie Cowan

C. Brandon Ogbunu, Yale University; SFI, 6/21-22/2023. SFI Host: Carrie Cowan

Laura Fortunato, University of Oxford; SFI, 6/21-22/2023. SFI Host: Carrie Cowan
Wendy Carlin, University College London; SFI, 6/22/2023 — 7/10/2023. SFI Host: Jennifer Dunne

Pablo Marquet, Pontificia Universidad Católica de Chile; SFI, 6/24/2023 — 8/4/2023. SFI Host: Jennifer Dunne

Martin Nilsson Jacobi, Chalmers University of Technology, 6/24/2023 — 7/1/2023. SFI Host: Carrie Cowan

Aurora Gaxiola, Pontificia Universidad Católica de Chile, 6/24/2023 — 8/4/2023. SFI Host: Jennifer Dunne

Daniel Stein, New York University; SFI, 6/25/2023 — 7/7/2023. SFI Host: Jennifer Dunne

Holly Moeller, University of California, Santa Barbara, 6/25/2023 — 7/1/2023. SFI Host: Carrie Cowan

Ian MacGregor-Fors, University of Helsinki of Technology, 6/25/2023 — 7/1/2023. SFI Host: Carrie Cowan

Christopher Klausmeier, Michigan State University, 6/25-29/2023. SFI Host: Carrie Cowan

Jon Machta, University of Massachusetts Amherst; SFI, 6/26/2023 — 7/7/2023. SFI Host: Jennifer Dunne

Thalia Wheatley, Dartmouth College; SFI, 6/26/2023 — 7/8/2023. SFI Host: Jennifer Dunne

Diego Santiago-Alarcon, University of South Florida, 6/26/2023 — 7/1/2023. SFI Host: Carrie Cowan

Elena Litchman, Carnegie Institution for Science, 6/26-29/2023. SFI Host: Carrie Cowan

Elizabeth Derryberry, University of Tennessee, Knoxville, 6/28/2023 — 7/1/2023. SFI Host: Carrie Cowan