

Letter in Support of Responsible Fintech Policy

"Crypto Bosses Flex Political Muscle With 5,200% Surge in US Giving" — Bloomberg
"Tech experts urge Washington to resist crypto industry's influence" — Financial Times
"Crypto Has a New Foe in Washington: Techies" — Barron's
"Tech experts urge Congress to resist crypto lobbying" — New York Times

June 1, 2022

The Honorable Charles E. Schumer
Majority Leader, U.S. Senate

The Honorable Mitch McConnell
Minority Leader, U.S. Senate

The Honorable Nancy Pelosi
Speaker, U.S. House of Representatives

The Honorable Kevin McCarthy
Minority Leader, U.S. House of Representatives

The Honorable Debbie Stabenow
Chairwoman, Senate Committee on Agriculture,
Nutrition and Forestry

The Honorable John Boozman
Ranking Member, Senate Committee on Agriculture,
Nutrition and Forestry

The Honorable Sherrod Brown
Chairman, Senate Committee on Banking, Housing and
Urban Affairs

The Honorable Patrick J. Toomey
Ranking Member, Senate Committee on Banking,
Housing and Urban Affairs

The Honorable Ron Wyden
Chairman, Senate Committee on Finance

The Honorable Mike Crapo
Ranking Member, Senate Committee on Finance

The Honorable Maxine Waters
Chairwoman, House Financial Services Committee

The Honorable Patrick McHenry
Ranking Member, House Financial Services Committee

Dear U.S. Congressional Leadership, Committee Chairs and Ranking Members,

We are 1500 computer scientists, software engineers, and technologists who have spent decades working in these fields producing innovative and effective products for a variety of applications in the fields of database technology, open-source software, cryptography, and financial technology applications.

Today, we write to you urging you to take a critical, skeptical approach toward industry claims that crypto-assets (sometimes called cryptocurrencies, crypto tokens, or web3) are an innovative technology that is unreservedly good. We urge you to resist pressure from digital asset industry financiers, lobbyists, and boosters to create a regulatory safe haven for these risky, flawed, and unproven digital financial instruments and to instead take an approach that protects the public interest and ensures technology is deployed in genuine service to the needs of ordinary citizens.

We strongly disagree with the narrative—peddled by those with a financial stake in the crypto-asset industry—that these technologies represent a positive financial innovation and are in any way suited to solving the financial problems facing ordinary Americans.

Not all innovation is unqualifiedly good; not everything that we can build should be built. The history of technology is full of dead ends, false starts, and wrong turns. Append-only digital ledgers are not a new innovation. They have been known and used since 1980 for rather limited functions.

As software engineers and technologists with deep expertise in our fields, we dispute the claims made in recent years about the novelty and potential of blockchain technology. Blockchain technology cannot, and will not, have transaction reversal or data privacy mechanisms because they are antithetical to its

base design. Financial technologies that serve the public must always have mechanisms for fraud mitigation and allow a human-in-the-loop to reverse transactions; blockchain permits neither.

By its very design, blockchain technology is poorly suited for just about every purpose currently touted as a present or potential source of public benefit. From its inception, this technology has been a solution in search of a problem and has now latched onto concepts such as financial inclusion and data transparency to justify its existence, despite far better solutions to these issues already in use. Despite more than thirteen years of development, it has severe limitations and design flaws that preclude almost all applications that deal with public customer data and regulated financial transactions and are not an improvement on existing non-blockchain solutions.

Finally, blockchain technologies facilitate few, if any, real-economy uses. On the other hand, the underlying crypto-assets have been the vehicle for unsound and highly volatile speculative investment schemes that are being actively promoted to retail investors who may be unable to understand their nature and risk. Other significant externalities include threats to national security through money laundering and ransomware attacks, financial stability risks from high price volatility, speculation and susceptibility to run risk, massive climate emissions from the proof-of-work technology utilized by some of the most widely traded crypto-assets, and investor risk from large scale scams and other criminal financial activity.

We implore you to take a truly responsible approach to technological innovation and ensure that individuals in the US and elsewhere are not left vulnerable to predatory finance, fraud, and systemic economic risks in the name of technological potential which does not exist.

The catastrophes and externalities related to blockchain technologies and crypto-asset investments are neither isolated nor are they growing pains of a nascent technology. They are the inevitable outcomes of a technology that is not built for purpose and will remain forever unsuitable as a foundation for large-scale economic activity.

Given these vast externalities, together with the—at best still-ambiguous and at worst non-existent—uses of blockchain, we recommend that the Committee look beyond the hype and bluster of the crypto industry and understand not only its inherent flaws and extraordinary defects but also the litany of technological fallacies it is built upon.

We need to act now to protect investors and the global financial marketplace from the severe risks posed by crypto-assets and must not be distracted by technical obfuscations which mask an abject lack of technological utility. We thank you for your leadership on financial technology and regulation and urge you to consider our objective and independent expert judgments to guide your legislative priorities, which we remain happy to discuss anytime.

Signatories

Affiliations are provided for identification purposes only. This letter expresses the views of the individual signatories, and should not be taken to be an official position of the institutions.

A David Worley <i>Beyond20</i>	A. E Currie	Aaron Dobbe	Aaron Goin
Aaron Greenspan <i>Think Computer Corporation</i>	Aaron Huslage <i>Meedan</i>	Aaron Lehmann	Aaron Sarazan <i>Volley</i>
Aaron Toponce	Abhay Rana	Abhishek Jaiswal	Adam Bachman
Adam Bouhmad	Adam Cornell	Adam David Burch	Adam Duke <i>Google</i>
Adam Eury	Adam Fowler	Adam Frisby	Adam Hoffman <i>Microsoft</i>
Adam Jacob	Adam Kehoe	Adam Kemp <i>Apple</i>	Adam Orrick
Fannie Mae	Adam Parsons	Adam Recvlohe <i>SimSpace</i>	Adam Rice
Ask Adam	Adam Smith	Adrian Taylor	Adrián Barrera
Agustin Novoa	Ahmad Cheers	Aidan Pieper	Aidan Skinner
AJ Schuster	Akshat Mahajan	Alan Stange	Alan Stearns
Alan Vezina <i>Puget Sound Programming Python (PuPPY), PyCascades</i>	Alastair Smith	Albertas Agejevas	Alberto De Luca
Alec Below	Alec Bramham	Alejandro Feldstein	Alejandro Giacometti
Alejandro Martínez Vieites	Alejandro Piad-Morffis <i>University of Havana</i>	Aleksei Badarin	Alesandro Ortiz
Alessandro Brambilla	Alessandro Marrella	Alessandro Stamatto	Alessia Bellisario
Alessio Basso	Alex Baines	Alessio Basso	Alex Baines
Alex Benn <i>Google</i>	Alex Burka	Alex Fallenstedt	Alex Gu
Massachusetts Institute of Technology	Alex Hidalgo	Alex Hong <i>Google LLC</i>	Alex Johnston
Alex Layne	Results Driven Marketing	Alex O'Byrne	Alex Poulsen
Alex Wiese	Alexander Dickinson	Alexander Hansen	Alexander Hill
Alexander Karan	Alexander Ramos	Alexander Turcic	Alexander Wissmann <i>GRAIL, LLC</i>
Alexis Richardson	Alfons Haffmans	Alfonso Adriasola <i>CloudPassage</i>	Alfredo Méndez
Tech Executive	Alice Elizabeth Crawford <i>Google, LLC</i>	Alison Buki	Allen Goodman <i>Meta</i>
Allen Humphreys	Allen R. Belletti	Almond Ears	Alodia Rueda
Alok Agrawal <i>Ex techie (IIT, Berkeley, Oracle)</i>	Alper Isin Duran	Alyssa Verkade	Amanda Casari
Amanda J. Carson	Amanda Linn	Amey Kulkarni	Amit Guha <i>University at Buffalo</i>
Amit Nayar	Amy Jo Kim <i>Game Thinking Corp</i>	PCI DSS IP	Anand Gupta <i>Infi Uk Ltd</i>
Anand Ranganathan	Andi Miller	Andre Pratama Putra	Andrea Slomp
Andreas Beger	Andreas Carlos Freund <i>Columbia University</i>	Andreas Raster	Andrei Maxim
Andres Correa Casablanca <i>NearForm</i>	Andrew Acomb <i>Amazon</i>	Andrew Beyer	Andrew C. Russell
Andrew Coy <i>Digital Harbor Foundation</i>	Andrew Fisher <i>Google</i>	Andrew H. Randall <i>Microsoft</i>	Andrew Hoefling <i>FileOnQ</i>
Andrew Hurst	Andrew Jesse Connell <i>University of Pennsylvania</i>	Andrew Jones	Andrew Larsson
Andrew Male	Andrew Manoske <i>HashiCorp</i>	Andrew Mao <i>Parsnip</i>	Andrew McRae
Andrew Nickerson	Andrew Phillips	Andrew Ritter	Andrew VanderVeen
Andrew W. Buchanan <i>Thoughtworks</i>	Andrew Warren <i>Recidiviz</i>	Andrey Bolibrukh	Andrey Lebedev
André Knörig	PCH Innovations	André Mentler	BROCKHAUS AG

André Rocha <i>JetBrains</i>	Andrés Blas Pujadas	Andy Hertzfeld	Angel Lomeli
Angelo Di Paolo <i>eBay</i>	Anna Lee	Anshuman Kanetkar	Tooring Analytics
Anthony Adams	Anthony F Worm <i>Hofstadter Inc</i>	Anthony Maki	Anthony Nedumgottil <i>Vail Systems</i>
Anton Bakker <i>Kadaster</i>	Anton Ekblad	Anton Motylev	Antonio Mendes Silva
Antonio Terreno	Aram Zucker-Scharff	Arden Hawley	Ari Bezman
Ariadne Conill	Alpine Linux core developer	Arjun Madan	Arnaud Limbourg
Arnoud Zwemmer	Aron Peterson	Artemiy Utekhin	Asad Ateeque
Asbjørn Bjørnstad	Asger Arentoft	Ashley Alfred Thoms Hull <i>Versent</i>	Ashley Joost
Ashley Nelson <i>Fastly, Inc.</i>	Ashwin Hariharan <i>Egen</i>	Asim Ihsan <i>Amazon.com</i>	Aswin Alexander
Atallah Hezbor	Audrey Randall	Aur Saraf	Aurélien Pelletier
Austin Lowe	Austin Orth <i>Niche</i>	Austin Schaffer	Everactive / Georgia Tech OMSCS
Austin Webr	Austin Willis <i>Dropbox</i>	Aymeric Augustin <i>Qonto, Django Software Foundation</i>	Balaji Sivaraman
Baris Ceylan	Barrett W Nuzum	Bart Heupers	Bartlomiej Wronski
Bartosz Chmiel	Basile Starynkevitch <i>CEA/LIST</i>	Beccy Kirk	Ben Barg
Ben Burnes	US Bank	Ben Crowder	Ben Delarre <i>Adobe</i>
Ben Giddings	Ben Gummoie <i>Policygenius</i>	Ben Jones <i>Mirah</i>	Ben Morris <i>Netflix</i>
Ben Perez	Ben Ramsey	Ben Sandofsky	Lux Optics
Ben Slinger <i>Podchaser</i>	Ben Thompson <i>Lattice</i>	Benjamin Brittain	Benjamin Friedman Wilson <i>TypeFox</i>
Benjamin Haube	Benjamin Huston <i>Google Cloud</i>	Benjamin Karas	Benjamin Tisdall
Mobimeo GmbH	Bennett Mendis <i>Accenture Federal Services</i>	Bernat Esquirol <i>Bestiario</i>	Berrak Nil Boya
Bert Bullough	Ally Financial	Bertrand Mollinier Toublert	Berwyn Jamesson
Bhargav Nookala <i>Microsoft</i>	Bignet Pierrick <i>Lonestone</i>	Bill Hofmann	Bill ODonnell
Bill Shirley <i>Finastra</i>	Bill Weiss	Bill Wert	Bion Johnson
Blain Smith	Boabdil Perez <i>Network to Code</i>	Bob Aman	Bob Seeman <i>CyberCurb</i>
Bobby Williams	City Councilor, Keene, New Hampshire	Bogdan Lica <i>Box</i>	Borja Gómez
Bouke Timbermont	Netherlands Forensic Institute	Brad Greenlee	Brad Lhotsky
Brad Tilley	Bradley D Musolff	Bram Geron	Brandeis H. Marshall <i>DataedX Group</i>
Brandon Blatter	Brandon Downey <i>Niantic, Inc.</i>	Brandon Johnson	Brandon Mitchell
Brandon Olin	Brandon Segal	Capital One	Brandon West <i>Datadog</i>
Brantly McCord <i>Purdue Polytechnic Institute</i>	Braxton Ehle	Brendan Humphreys	Brendan J. McCollam
Brendan O'Leary	Brenden Niedermeyer	Brenna Flood	Brent Wheeldon
Brett Davidson <i>Ceros Inc.</i>	Brett G Porter	Brian Markley <i>University of Alberta</i>	Brian Castro <i>OSK</i>
Brian D Klaas	Brian Ferrell <i>Waymo LLC</i>	Brian Flanagan	Brian Hicks <i>NoRedInk</i>
Brian Hogg	Brian Jacobowski	Brian Jenkins	Brian Lane
Brian Peiris <i>Mozilla</i>	Brian Roberts	Brian Suk	Brian T. Rice
Brian Wyss	Brian Tajuddin	Bridgette Reisinger	Brittany Friedman
Gearbox Software	Bruce K Wells	Bruce Sigmon <i>Cisco (retired)</i>	Bruno Antunes

Bruno Czekay	Bruno Felix	Bruno Panasiewicz	Bruno Renié <i>Exoscale</i>
Bryan Jones <i>Microsoft</i>	Bryan Lau <i>Columbia University</i>	Buck Lomas	Bunny Hanlon
C. Scott Ananian <i>Wikimedia Foundation</i>	Caleb Hearth	Test Double	Calvin Beck <i>University of Pennsylvania</i>
Calvin Metcalf	Calvin Webster	Cam Jackson	Cameron Gilbert
Cameron Huysmans	Cameron Kilgore	Cameron King <i>UST-Global</i>	Cameron Momtaz <i>Rai Technology Inc.</i>
Cameron Morgan <i>Shopify</i>	Cara Mitchell <i>PepsiCo</i>	Carl Malartre	Carl Morris
Carl-Gustaf Harroch <i>Novoda</i>	Carlos Juan Martín Pérez <i>gridshield.com / uees.edu.sv / recainsa.org</i>	Carlos Pero	Carlos Villalba
Carlos Villanueva	Carsten Agger <i>Magenta Aps, Free Software Foundation Europe</i>	Carter Allen	Carter Peterson
Cathal Mooney	Chad Burt <i>University of California Santa Barbara</i>	Chad Scherrer <i>Informative Prior, LLC</i>	Chanci Dickson
Chandos Etchison <i>Oracle</i>	Charles E. Grant	Charles Hollingsworth	Charles King
Charles Sprayberry	Charles Young	Charlotte Cabrera <i>University of Oklahoma</i>	Chester Li
Chip Locke <i>Microsoft</i>	Chip Warden	Cox Automotive	Chris Cortez <i>Forma</i>
Chris Dary	Chris Earle	Chris Feldmann	Chris Gamble
Chris Goold	Ausmash / Frankenstories	Chris Harrelson <i>Google</i>	Chris Hennick <i>Amazon Web Services</i>
Chris Hoffman <i>Radius Networks</i>	Chris Jarmul	Chris Kozak	Chris Lauritzen
Chris McClinch	Chris Palmer	Chris Reckinger	Chris Riley
Chris Thompson	Portland Timbers and Thorns FC	Chris Weigert <i>Apple</i>	Chris Woytowitz
Christian Bustamante <i>Dell</i>	Christian Cmehil-Warn	MIT Technology and Policy Program	Christian Hoge
Christian Hujer <i>Nelkinda Software Craft Pvt Ltd</i>	Christian Kjær Larsen <i>Logpoint</i>	Christina Tang	Christopher Agocs <i>Datadog</i>
Christopher Avila	Christopher D. Parks	CrowdStrike, Inc.	Christopher Duerr
Christopher Elion	Christopher Ferris <i>IBM</i>	Christopher Hogan <i>Purestorage</i>	Christopher J. W. Lloyd <i>Amazon.com, Inc.</i>
Christopher Lepkowski	Pretty Big Monster	Christopher Lynch	Christopher Pitt
Christopher Pittsley <i>Alebra Technologies Incorporated</i>	Christopher Schmidt	Christopher Shaffer	Christopher Wittlinger
Clemens Krack <i>FundraisingBox</i>	Clemens Vasters	Clinton Ingram <i>.NET Foundation</i>	Clyde DeSouza
Colin Douch <i>Cloudflare</i>	Colin Edwards	Recursive Penguin	Colin Tress
Collin Cusce	Collin Henderson	Collin McNulty <i>Astronomer, Inc</i>	Connor Leech
Connor Shea <i>SonderMind</i>	Conor Doyle	Corey Fisher	Corin Hill
Cory Sullivan	Courtney Rosenthal	Craig Fisher <i>Salesforce</i>	Craig Kolb
Craig McNamara	Craig Neth	Craig Peters <i>GitHub</i>	Craig Tozzi
Cristobal Duran	Instabox AB	Curt Micol	Cyrille Dupuydauby
Cyrus Hall	D. Erik Goodman	Dale Emmons	Damian Lewis
Team Netsol	Damien Guard	Dan Ernst <i>Microsoft</i>	Dan Federman
Dan FitzPatrick	Dan Goodman <i>Cerner</i>	Dan Greenblatt	Dan Johnson
Blizzard Entertainment	Dan Kloke <i>Synthetic Systems LLC</i>	Dan Nell	Dan Starner
Dana Liss	Daniel Crosta <i>Dropbox, Inc</i>	Daniel Fremont <i>University of California, Santa Cruz</i>	Daniel Gartmann

TEKCHAIN LTD	Daniel Gordon	Lockheed Martin	Daniel Heitmann
Daniel Marti <i>Amazon</i>	Daniel Merritt	Daniel Nazareth	Daniel Neagaru <i>DigeeX</i>
Daniel R. Warner	Daniel Shayman	InRule Technology	Daniel Slater
Daniel Stafford <i>Dell Technologies</i>	Daniel Stamer	Daniel Veihelmann	Daniel Álvarez
Danny Page	Danël Franke <i>PONC.tech</i>	Daren Chapin	Darien Morales
Darin Smith <i>Cisco Systems</i>	Darlene Clyburn	Darren Gasser	Davanum Srinivas
Dave Lambert	Dave Neary	Dave Raybould	Leeds Beckett university
Dave Townsend <i>Mozilla</i>	David A. Ramos, Ph.D.	David Balatero	David Beazley
David Benjamin	David Bishop <i>Apple</i>	David Brown	David Bullock
Web, Power and Light	David Burkhardt	David Chase	David Cobb
David Cornu <i>Wealthsimple</i>	David Dunham	David E. Wheeler	The New York Times
David G. Andersen <i>Professor, Carnegie Mellon University</i>	David Golumbia <i>Virginia Commonwealth University</i>	David H. Clements <i>Google</i>	David Halperin <i>athenahealth</i>
David Heard	David J. Fiddes	David Johnston <i>ThoughtWorks</i>	David Jones
David Katz	David McNelis <i>Proofpoint</i>	David McNett	David Murphy
David Pederson	David Powell	David Raleigh	David S. H. Rosenthal
David Stern	David Trejo	David Truan	David Walker Eacho
David Whitney	David Winterbottom	Octopus Energy	David Worth
Dax Raad <i>Bumi</i>	Denis Brækhus	Denis Defreyne	Dennis Bailey
Dennis Foley	Dennis Hostetler <i>Trevipay</i>	Dennis Schubert	Deovrat Singh <i>Adobe</i>
Derek Kraan	Moose Code BV	Derek Mansen	Vistar Media
Derek Pennycuff	Devesh Parekh <i>Netflix</i>	Devin Mullins <i>Google</i>	Devon Deonarine
Devon Yates	Diana Fulger <i>Droit</i>	Didier Raboud	Dimitri Sophinos
Dimitri Tcaciuc	Dinis Correia	Dino CHIESA <i>Google</i>	Dion Bramley
Dionna Glaze <i>Google LLC</i>	Dirk-Jan Swagerman	Domingo Flores	Dominik D. Freydenberger
Don McNeil	Donal Hurley <i>Mastercard</i>	Donald Ball	Donnie Barnes <i>Ocelot Wrangler, LLC</i>
Dorothea Salo	Doug Rohrer <i>Apple, Inc.</i>	Douglas Boldt <i>Amazon Web Services</i>	Douglas Patriarche
Douglas Smith	Dr. Andres Guadamuz <i>University of Sussex, UK</i>	Dr. Catherine Flick <i>De Montfort University, Staffordshire University, ACM Committee on Professional Ethics</i>	Dr. Ian Brown
Visiting professor, Fundação Getulio Vargas, Brazil	Dr. Richard Clayton <i>Cambridge Cybercrime Centre, University of Cambridge</i>	Dr. Robert F.D. Stansfield	Dr. Dirk Husemann
Dr. Jan Köhnlein	Dr. Jens Oehlschlägel <i>greeNsort</i>	Dr. Michael Vollmer <i>University of Kent</i>	Drew Miller
Drew Showalter	Duane F. King	Dustin Dean Morgan <i>Oklahoma Office of Management and Enterprise Services</i>	Dustin Tran
Dwayne Codrington <i>GoDaddy</i>	Dylan Bannon <i>Spotify</i>	Dylan Jones <i>George Mason University</i>	Dylan Vassallo
Dylan Vrana	Green Hills Software	Dylan Wolter	Dzmitry Kharchykau
Eckhart Richter	Ed Sweeney	Ed Zitron	Eduard de Jong
Edward Broyles	Edwin van Raaij	Eerke Boiten	Effy Elden <i>Thoughtworks</i>
Egil Kvaleberg	Ekaterina Damer	Eldar Marcussen	Eldar Shamukhamedov <i>Carta</i>
Eli Gundry	Eli Strauss-Reis <i>Stanford University</i>	Elias Andreassen Thøgersen	Elijah Glover

Elijah Wilson <i>Noteable, Inc.</i>	Elliana May	Ellie de Villiers	Emerson Simbolon
Emil Dragańczuk	Emiliano De Cristofaro <i>University College London</i>	Emiliano Sandri	Emily Ellis
Emma Brown <i>air.inc</i>	Emma C.Humphries <i>Bandcamp</i>	Emma Stamm, Ph.D. <i>Villanova University</i>	Enrico Cofler
Enrico Polanski	Enrique Benítez Palma	Er Galvão Abbott	Erdem Yurdanur
Eric Beard	Eric J Walk <i>Perficient, Inc.</i>	Eric Kelly	Eric Lin
Eric Lund	Eric Mancini	Eric Peterson	Erik Hansen
Erik Kirkegaard	Rebellion Defense	Erik LaBianca	Erik Westenbroek <i>Dematic</i>
Erika von Kampen	Best Buy	Eris Koleszar	Giant Squid
Ernie Miller	Erwin Wessels <i>Pleo</i>	Esther Lumsdon	Esther Weidauer
Ethan Glasser-Camp	Eugene H. Spafford <i>Purdue University</i>	Eugenio Tisselli <i>ojoVoz</i>	Evan Colvin
Evan Samanas	Evgenii Kuznetcov	F Justin Horton	Fabian R Lischka
Fabio Franchino	Fabio A. Correa	Fabio Manganiello	Flexport, ex-Adyen, ex-Booking.com
Fabián Mosso	Fabrice Breton <i>COWCAT</i>	Fagani Hajizada	Faiz Mirza
California State University, Los Angeles and Beyond Limits AI	Felix Nolte	Fernando Cosso	Dassault Systemes
Fernando Freire	Filip Maj <i>Salesforce</i>	Flaviu Tamas	Foone Turing
Frank Harland	Franklin Yonkers	François Paulhiac	Fred Benenson
Fred Grim <i>Apple Inc.</i>	Friedrich Lindenberg	G. Malcolm Schreiber <i>Money Design Co., Inc.</i>	Gabor Attila Sztupak <i>Funding Circle Ltd.</i>
Gabriel Jacoby-Cooper <i>Apple, Rensselaer Polytechnic Institute</i>	Gabriel Jones	Gal Tsubery	Gareth McCall
Garrett Westhoven	Garrick Villaume <i>Physical Systems Inc</i>	Gavin Bisesi	Gedalia Pasternak
Gene Chuang <i>CTO Slackers</i>	Geoff Miller	Geoff Snowman	Geoffrey Baehr
Almaz Capital	Geoffrey M. Arnold	Georg Zoeller <i>Meta</i>	George Polak <i>Uber</i>
George V. Reilly	George Weatherly	George White	Gerald Benischke
Gerald Combs	Gerald Hu	Gerard Nunez	Gerardo Lijs
Gerd Kamp	Gergely Orosz	Giorgio Marinelli	Giovanni Bassi
Glen E P Ropella <i>tempus dictum</i>	Glenn Hope	Glyph Lefkowitz	Goran Maksimovski
Goran Nestic	Graham Christensen	Grant Forrest	Grant Mcinnes
Greg Beech	Greg Knauss	Greg Parker	Greg Wogan-Browne <i>Block (Afterpay)</i>
Gregor Bransky <i>Layer 9 Solutions</i>	Gregor Petrin	Gregory Terzian	Gunnar Djurberg
Djurberg Systemintegration AB	Gurden Batra	Gustavo Franco	Gustavo Moura
Gustavo Noronha <i>Collabora Ltd.</i>	Guy Templeton	Gwen Sigrid Lofman	Rockstar Games
Haldean Brown	Pixar Animation Studios	Hannah Pascal MBCS <i>Google</i>	Hannes Moser
Hariharan Iyer	Haris Khan	Harlan Haskins	Harold Modesto
Harrison Brown <i>Antithesis</i>	Harsh Shandilya	Hassan Khan	Hayden Bailey
O3 World	Hector Dearman <i>Google</i>	Helmut Garstenauer	Hendrik Stiwr
Henry Chen	Henry Schroy <i>Furraylogic</i>	Herbert Van de Sompel <i>Ghent University</i>	Howard Butler <i>Hobu, Inc.</i>
Hyatt Bao	Ian Bicking <i>Meta</i>	Ian Denhardt	Ian Hutchinson
Ian McCown	Blizzard Entertainment	Ian McIntyre	Ibrahim Cesar
Ice Jovanoski	Mister Spex SE	Ignas Namajunas	Igor Marta

Ilya Margolin	Imran Remtulla	Ingomar Otter	Valtech Mobility GmbH
Iqbal Farabi	Isaak Yansane	Meta Platforms	Itamar Afek <i>Salesforce</i>
Itamar Priel <i>Ontar-Run Ltd.</i>	Ivan Naranjo <i>Google Inc.</i>	Ivo Gatzinski	J Louis Pearson <i>Trinity College Dublin</i>
J Paul Gibson	J William Macaulay <i>Cognixion</i>	J.P. Hutchins	Open Energy View
Jaap Boender	Hensoldt Cyber GmbH	Jack Danger	Jack Heart
Jack Kuperman	Jacky Alcine	Jacob Covington	Jacob de Haan
Jacob DiMare	Jacob Gillespie	Jake Teton-Landis <i>Notion Labs, Inc</i>	Jakub Hampl
Jakub Kozłowski	Disney Streaming	James Bowler <i>GoFundMe</i>	James Burton
James Cash	James Cooper <i>University of Waterloo (ON)</i>	James Dawson Brock <i>Cross Compass Ltd., Tokyo</i>	James E. Harris, Jr
James Gallagher	James Gosling	Java Developer	James Holland
James Hsiao	Intuit Mailchimp	James Igoe	James King
James LaPlaine	James Meickle	James Nicholas Turton <i>DataDistillr</i>	James Ritts
James Seppi <i>Umbra</i>	James Socol	Jamie Duncan <i>Google</i>	Jamie Hamilton
Jamie Hamilton	Jamie Mutton	Jan Kaiser	Jan Schaumann
Jani Eväkallio	Janne Härkönen <i>Reaktor</i>	Jannis Leidel	Python Software Foundation
Jansi Zwarts	Jared Stock <i>Thoughtworks</i>	Jarrad Connor	Silicon Valley Insurance Accelerator
Jason C Daniels	Jason Carreira	Jason E. Robinson <i>Auspex Labs Inc.</i>	Jason Hoffmann
Jason Kunesh	Jason Martens <i>Apple</i>	Jason Seo	Samsung SDS
Jason Smith	Jason Terk <i>Dropbox</i>	Javier Guerra	Jay Paroline <i>Dropbox</i>
JB Steadman	Jean Hominal	Jeevjyot Chhabda <i>Atlassian</i>	Jeff Craig <i>Google</i>
Jeff Doctor	Animikii Indigenous tech	Jeff Eaton	Autogram LLP
Jeff Gunther	Jeff Schulman <i>Penn State University</i>	Jeff Siver	Jeffrey M Hodges
Color Health	Jeffrey Pritchard	Jeffrey Wieland	Jeffrey Yasskin <i>Google Chrome</i>
Jenine Turner-Trauring	Jennifer Moore <i>jenniferplusplus.com</i>	Jens Brueckner	Jens Kristensen
Jeremiah Miller	Jeremy Abel	Jeremy Bicha	Jeremy Blackburn <i>Binghamton University</i>
Jeremy Kun <i>Google</i>	Jeremy Meiss <i>CircleCI</i>	Jeremy Ong <i>Amazon</i>	Jeremy Wall
Jerry Lin	Jesper Hauge	Jesse Jafa	Jesse O'Neill-Oine
Founder: Refract, SmartThings, One Tap Away	Jesse Weinstein	Jessica Collins	Jessica West
Jessie Cain	Jesus Bello	Jez Humble	Jim Bahls
Jim Musana	Joachim Mairböck	RISC Software GmbH	Joanna J. Bryson <i>Hertie School, Centre for Digital Governance</i>
Joe Beda	Joe Purdy <i>Customer.io</i>	Joel Bernstein	Joel Burton
Rithm School	Joel Levi Hernández Fernández	Somus OÜ	Joel Parish
Joel Patel	Joel Squire	Bank of America	Joel Woznicki
Joerg Beekmann	Joeseoph Paul Smith	John A. Kunze <i>University of California</i>	John Alberse
Garmin International	John Barker	John Baylor	John Best <i>Kent State University</i>
John Drinkwater	John Duksta	John Galvin	John Gossman
John H McNair <i>University of Tennessee</i>	John Hofman <i>The Walt Disney Corporation</i>	John Ketchpaw	John Lund-Molfese
John Mark Walker	John Patrick Lindsey	John S. Barton	John SJ Anderson

John Stiles <i>Google</i>	John Sundman	John Victor Kew II	Tableau Software
John Wiggins	John Yeary <i>Purdue University</i>	John-Anthony Geraci Thevos	Octopus Energy
Johnathon Root <i>Rev.com, Inc.</i>	Jon Alper	Jon Atkinson	Giant Digital
Jon Callas	Jon Craton	Anderson University	Jon Frisby <i>Thryve, LLC</i>
Jon Gill	Jon Grov, PhD <i>University of Oslo</i>	Jon Henshaw <i>Coywolf</i>	Jon Latané <i>Shift</i>
Jon Lipsky <i>GitHub</i>	Jon Maltiel Swenson <i>Meta</i>	Jon Sequeira <i>Microsoft</i>	Jonas Alves
A/B Smartly	Jonas Eriksson	Jonas Follesø	Jonas Göke
Jonas Schiffl <i>Karlsruhe Institute of Technology</i>	Jonas Vautherin	Jonathan Dowland <i>Newcastle University</i>	Jonathan Fetter-Degges
Jonathan G Harris, PHD, CFA	Jonathan G. Pallant	Jonathan Haddad <i>Netflix</i>	Jonathan Hochman
Hochman Consultants	Jonathan Huie	Jonathan King	Jonathan Klaassen
Jonathan Madden <i>Dept Agency</i>	Jonathan Opacich <i>Open Systems Yechнологies</i>	Jonathan Richards	TD Bank
Jonathan Stevens	Hypixel Studios	Jonathan W. Hendry	Jonathon Klobucar <i>Apple Inc</i>
Jordan Tigani	Jorge Hernandez <i>Encora Inc.</i>	Joscha Metze	Josep Ruano-Bou
Joseph Griego <i>Igalia</i>	Joseph Holley	Joseph Lamoree	Joseph Marques <i>Google</i>
Joseph Nichols	Joseph Nuthalapati <i>Thoughtworks</i>	Joseph R Miles	Joseph Young
Kuvio Creative	Josh Anderson	Josh Faust	Josh Levinger <i>Spacedog XYZ LLC</i>
Josh Schairbaum <i>UiPath</i>	Josh Slocum <i>Snowflake</i>	Josh Thomas	Joshua Collins
Joshua Gray <i>Verint</i>	Joshua Hull	Joséphine B. Altzman	Goldman Sachs
Joël Franusic <i>Okta</i>	JP LeBreton	Juan Moyano	Juan Pablo Buriticá
Juan Qin <i>China Blockchain Research Institute</i>	Julia O'Toole	Mycena Limited	Julian Doherty
Julian Finn	Julian Kirsten Arni	Julian Laubstein <i>9elements</i>	Julian Schrittwieser <i>Google DeepMind</i>
Julian Wolf	Julien Ellie <i>Amazon Web Services</i>	Julio C. Ortega	Justin Ashworth
Justin B. Overfelt	Justin Drew	Justin Frank <i>University of Maryland</i>	Justin Frankel
Justin Garrison	Justin Gilnan	Justin Green <i>Google</i>	Justin Mazzocchi
Justin Ribeiro	Justin Sheets	Justin Yorke	Jyrki Vesterinen
Jérémy Rousseau	Kai Chen	Karl Parkinson	Karoly Negyesi
Kat Cosgrove	Katherine McKinley <i>Woven Planet Holdings, Inc</i>	Kathleen Tafel	Kathy Reid <i>Australian National University</i>
Katrin Leinweber	Kavon Farvardin <i>Apple</i>	Kazuyoshi Kato	Kees-Jan van der Kolk
Life Science Methods	Keith A. Lewis <i>KALX, LLC</i>	Keith Avery <i>vesta-go.com</i>	Keith Mattix II <i>Microsoft</i>
Keith Mitchell	Kelly Walker	Kaiser Permanente	Ken Ackerson
Ken Goldsholl <i>xsact, inc. transact.io</i>	Ken Horn	Kenneth Brucker	Kent Reese
Kestral Gaian <i>London Interdisciplinary School</i>	Kevin Bradley Dsouza <i>University of British Columbia</i>	Kevin Bush	Kevin Doyle
Kevin Kolk	Kevin Marks <i>Indieweb</i>	Kevin McGrath	Kevin Miller <i>University of California, San Francisco</i>
Kevin Neely	Kevin Riggle	Kevin Rowland	Kevin Schultz
Kevin Wittek <i>RWTH Aachen University</i>	Kieron Lawson	Kilian Gebhardt	Kim Crawley <i>Synack</i>
Kim Crayton <i>Kim Crayton LLC</i>	Kousik Nandy	Kris Audrey Nóva	Kristian Johansson

Kristian Thy <i>IT University of Copenhagen alumni</i>	Kristján Valur Jónsson	Kristoffer Kleine	Kristofor Carle
Krzysztof Cieslak	Krzysztof Kosinski <i>Google</i>	Kyle E. Mitchell	Technology Attorney
Kyle Hunt	Kyle Pekosh	Kyle Pitzen	Known Global
Lacey Kasten	Ladd Van Tol <i>eBay</i>	Lajay Norvell	Larry Dunkelman
Larry Garfield	Lars Eidnes	Lars Knoll	Laura Houlberg <i>Momentive AI (creator of SurveyMonkey)</i>
Lauren Allansmith	Laurence (Buzz) Andersen <i>Fable, Inc.</i>	Layke Austin Findley	Lee Avital <i>Datadog</i>
Lee Hambley	Lee Ourand	Lee Schumacher	Lee Scott Price
Lei Wang	Leif Gensert	Triumph Pay	Lennart Grahl
Leo Robinovitch	Leon Miller-Out	Le Qian Liang	Liam Pett
Liana G. Mancini	Liron Shapira	Liz Fong-Jones	Liz Rice <i>Isovalent</i>
Logan Pulley	Lorenzo Gabriele <i>Codacy</i>	Lou Browne <i>University of Pennsylvania</i>	Louis E Ingenthron <i>Ingenthron Engineering, LLC.</i>
Louis Russo	Luc Tielen	Lucas DiCioccio	Luciano Ramalho <i>Python Software Foundation Fellow</i>
Luigi Frassato	Luis De Avila	Luis Felipe Hussin Bento	Luis Grass
Foresight Mental Health	Luis Mercado	Luka Jaocobowitz <i>CompStak</i>	Luke Alexander
M. David Schwarz <i>Indeed</i>	M. Paul Weeks	Tough Love Arena	Maciej Deręgowski
Maciej Pękala	Macklin Hartley	Madhu Iyengar	Magnus Bakken
Magnus Holmes	Mairhofer Stefan	Makara Sok	Mando Escamilla
Gradient Works	Manoj Krishnasamy <i>ADP</i>	Mansi Parikh	Mansour Mahboubi <i>Remotion.live</i>
Manu Mohan	Manuel Bernhardt	Marc Boorshtein	Tremolo Security
Marc Goodner <i>Microsoft</i>	Marc Tremsal	Marc Kwiatkowski <i>Former Facebook/Meta</i>	Marc Worrell <i>WhatWebWhat</i>
Marcello Galharido	Marcello Urbani <i>Basis Technologies</i>	Marcelo Prates	Marcin Tustin
Marco Bello	Marco Guajardo <i>University of Texas at Austin</i>	Marco Perone	Marco Pivetta <i>Roave, LLC</i>
Marcus Grant	Margaret Gel	Margaret Pearce	Margaret Ó Dorchaidhe
Margarita Manterola	Debian GNU/Linux	Marian Goldeen	Maricris Villareal <i>Amazon</i>
Mario Gomez	Marius Kallhardt	Mark Blake	Mark Cox <i>TDS</i>
Mark Greenslade <i>Casper Association</i>	Mark Hemmings	Mark Mandel <i>Google</i>	Mark Nottingham
Mark O Mcadam	Mark Pieszak	Mark Schmidt	Mark W Winterrowd <i>Google Research</i>
Mark Walling	Marquis Kurt	Marshall Bowers	Marshall Robin
Martin Barry	Martin Biely	Martin Fitzpatrick	Martin Fowler <i>Thoughtworks</i>
Martin Gladdish	Martin Pagh Ludvigsen	Martin Pittenauer	Martin Pool
Martin Schütte	Martin Steinmann	Martin Zielinski <i>Yaak Technologies</i>	Martin Zinkin
Riskpath Limited	Marwan Sulaiman <i>GitHub/Microsoft</i>	Massimo Banzi	Mat Velloso <i>Microsoft</i>
Matt DiCarlo	Matt Dragon	Charity Navigator	Matt Gambogi
Matt Lewis	Matt Schaar	Matt Silbernagel	Matt Stupple
Matteo Vaccari	Matthew Bentley <i>PLFlib</i>	Matthew Brady	Matthew DeKrey
Matthew Holt	Caddy Web Server	Matthew Kolosick <i>University of California, San Diego</i>	Matthew Krupczak
Certified Kubernetes Administrator	Matthew Macomber <i>University of Illinois</i>	Matthew Mark Miller	Matthew Pletcher <i>Dropbox</i>
Matthew Ramina	Matthew Reider <i>Dynatrace</i>	Matthew Snider <i>Microsoft</i>	Matthew Williams

Matthew Wills	Mauricio Dominguez	Max Morlocke	Maximillian Brustkern <i>Equinix Metal</i>
Maya Bonkowski	Megan L. McNulty	Melanie Bilbrey <i>Chime</i>	Meredith H
Micah Alles	Michael A. Smith <i>Syapse, Inc</i>	Michael Allen	Michael B Devine
Michael Bayne	Michael Berganovsky	Michael Blake	Home Lending Pal
Michael Brown	Michael Chletsos	Michael Cordover	Michael De Rosa
Michael Dewberry <i>Autodesk</i>	Michael Droettboom <i>Microsoft</i>	Michael Engard	Michael Fu
Michael Furst	Michael Giuffrida <i>Google</i>	Michael Haight	Michael Harris
Michael Hurwitz	Michael Irwin <i>Docker</i>	Michael J Coyne	Michael Kämmerer
Michael Liebhold <i>Institute for the Future</i>	Michael Lynch	Michael May	Michael Narciso
Michael Odden	Michael Ralston	Michael Rikeman <i>GoTo Group Inc</i>	Michael Rose <i>Google, Inc.</i>
Michael Rowbotham <i>Corcentric</i>	Michael Schoonmaker <i>Squad</i>	Michael Shimniok	Michael Simons <i>Neo4j, Inc.</i>
Michael Snook	Michael Solberg	Michael Strasser <i>Thoughtworks</i>	Michael Thacker
Michael Thole	Michael Wasson	Michael Watson	Michel Floyd
Michel Schinz <i>EPFL</i>	Michela Ledwidge	Michele Pittoni	Michele Scandura
Michiel Nuyts <i>Loctax</i>	Miguel Duarte	Mihai Miuta	Mikael Voss
nyantec GmbH	Mike Carlucci	Mike Madland	Mike Wyman
Miles Sabin	Mitch Anderson	Miłosz Kosobucki <i>KDAB</i>	Mohamed Elsherif
Molly Sheets	Morgan Bird	Drip Global	Moritz Adler <i>Google</i>
Morten Rand-Hendriksen	Moses Mugisha	Mozart Hasse	Muhammad Taaha
Munly Leong	Easy Mode	Murdho Savila <i>IPRally Technologies Oy</i>	Naadir Jeewa <i>VMware</i>
Nantas Nardelli <i>Carbon Re / University of Oxford</i>	Naoki Hiroshima	Nat Budin	Nate Finch
Nathan Anderson	Nathan Cassee	Nathan Dudley	Nathan Maynes
Nathanael Strong	Nathaniel Barnes	Nathaniel J. Smith	Navid Jalali
Navin Nair <i>Thoughtworks</i>	Navneet Joneja	Nelson Menezes	Neville Kuyt
Nicholas Bishop <i>Google</i>	Nicholas Dronen	Nicholas Gerard	Nicholas Lyon
Nicholas Pedalino	Nicholas Pegg	Nicholas Welp	Elevation Energy
Nicholas Wilke	Nick Paul	Nick Pollard	Nick Randall
Nick Rycar	Nicklas Frahm <i>Vestas</i>	Nicola Pedot	Nicolas Bitar
Université Paris-Saclay	Nicolas Kerdelhué	Nicolas Noble	Nicolas Ward <i>Amazon Web Services</i>
Nicolas Évrard <i>B2CK</i>	Niels Callesøe	Nik Clayton	Nikolai Weh <i>Google LLC</i>
Nikolaos Tsagkas	Niloy Gupta <i>Affirm, Carnegie Mellon University</i>	Nils Ohlmeier	Nitin Pai
Takshashila Institution, India	Noah Kennedy <i>Cloudflare</i>	Noah Richards	Noble Ackerson
Norman Yamada <i>Ziprecruiter.com</i>	NR Ogden	Ofer Halevi	Olaf Bey
Oleksiy Kovyryn <i>Shopify</i>	Oliver Marienfeld	Olivier Matrot	Omar Dimachkie
Onur Cakmak <i>Google</i>	Oren Levine	Oscar Estrada	Oscar Salguero
Oswaldo Pinali Doederlein	Owen Lynch <i>Topos Institute</i>	Owen Mathews	Owen O'Leary
Owen Raccuglia	Owen Sanders	Pablo Meier	Pablo Rauzu

Université Paris 8	Paolo De Rosa	Paolo Urciullo	Parker McComas <i>University of Michigan</i>
Patricio Cano	Patricio Funes <i>funDAOmental</i>	Patrick Ellul	Patrick Goldmann
Patrick Hulce	Patrick J. Beam <i>Dropbox</i>	Patrick Nicholson	Chan Zuckerberg Initiative
Patrick O'Doherty	Patrick Reynolds	Patrick Smith <i>Vectorpark</i>	Patrick Thomson <i>GitHub, Inc.</i>
Paul Barker	Paul Biggar <i>Darklang</i>	Paul Blankinship	Paul Browning <i>University of Birmingham</i>
Paul Butler <i>Drifting in Space Corp</i>	Paul Campbell	Paul Cantrell <i>Macalester College</i>	Paul Chang
Paul Chiusano	Paul Choi	Paul Graydon	Paul Haahr <i>Google</i>
Paul Klinger	Paul Kuliniewicz	Paul Ramsey	Paul Slocum
Paul Stenius	Paul-Louis Ageneau	Paulo Lopes	Pavel Trunecek
Pedro Saboia	Pere Villega	Peter Clark Labadorf <i>Bob Jones University</i>	Peter Cripps
Peter Desnoyers <i>Northeastern University, Associate Professor</i>	Peter DiSalvo	Peter Foot	Peter Gordon
Peter Huene	Peter Korsbäck	Peter Linss	Netscape developer / Co-chair W3C TAG
Peter Liske	Peter Parisi	Peter Sabaini	Phil Gross <i>Google</i>
Phil J Greer	Phil Nash <i>Twilio</i>	Phil Park	Advanced Micro Devices
Phil Pearl <i>Ravelin Technology Ltd</i>	Phil White	Philip Gillißen	Philip Kendall
Disney Streaming	Philipp Pfeifferberger <i>Google</i>	Philipp Ruediger <i>Anaconda Inc.</i>	Philippe Duchesne
Phillip Carter <i>Honeycomb</i>	Phillip Fenstermacher	Pier Fumagalli	Pierre Lison <i>Norwegian Computing Center</i>
Pierre Serafini <i>Qonto</i>	Pieter Lange	Pietro Stroia <i>PagoPA</i>	Pinar Olguc <i>Banking/Fintech/Internet Services</i>
Piper Horscroft	Pippa Brooks	Polina Giralt	Poonam Hattangady
Prakash Kumar	Prasant Acharya	Praveen Kumar Telugu <i>Fluxon</i>	Professor Martyn Thomas CBE <i>Gresham College</i>
Quentin Blasingame	William Thomas Digital	Quintin Smith	People Make Games
Rachid El Guerrab	Rafael Garcia-Suarez	Rahul Mishra	Rainer Rehak <i>Weizenbaum Institute for the Networked Society</i>
Ralph Squillace <i>Microsoft</i>	Ramesh Dharan	Randy Locklair	Randy Reddig
Founding team, Square	Randy Reitz	Randy Saldinger	Rasmus Wätjen
Ravi A Giri	Ray Cologon	NightWing Enterprises	Raymond J. Greenwell
Reid Priedhorsky	Los Alamos National Laboratory	Remi Despres-Smyth <i>Journeyman Software Consulting Inc.</i>	Remie Bolte
Reubem Dunnington	Reuben Walker	Mobile Atom Media	Rhys Wilkins
Rian Douglas <i>Google LLC</i>	Riccardo Busetti	Rich Curtis	Rich Hanson
Rich Kulawiec	Rich Unger <i>Lyft</i>	Richard J. Marisa <i>Cornell University</i>	Richard Meredith
Plausible Concept AB	Richard Sanders Jr	Richard Thomas <i>RET Consulting Pty Ltd</i>	Richard Wendel III
Rick Fletcher	Ridley Combs <i>Plex</i>	Rijk van Zanten <i>Directus</i>	Rikhav Shah
UC Berkeley	RJ Smith <i>Amazon</i>	Rob Egrot <i>Mahidol University, Faculty of ICT</i>	Rob Relyea <i>Microsoft</i>
Robbie Ostrow	Robert A. Napier	Robert B. Lyon <i>Legato Systems, Inc.</i>	Robert Barton
Robert Berry <i>Google</i>	Robert Carleton White, Jr. <i>WhiteStar Corporation</i>	Robert Collins	Robert Forsman
Robert J. Vince	Robert Lord	Robert Miles	Robert Postill

Robert Reitenbach	Robert Shropshire	Robert Wheeler	Robert Wyland-Chavez <i>Virginia Polytechnic Institute and State University</i>
Roberto Pedroso	Rodolfo Josué Hernández Chavarría	Rodrigo Bozzolo	Roel van der Ven
Roger Boardman	Roger Cowles	Roger Hunt <i>Idea Trek LLC</i>	Roger Ogden
Romain Robbes <i>Free University of Bozen-Bolzano</i>	Roman Kofman	Roman Stoffel	Ron Pressler <i>Oracle</i>
Ronald Raffensperger	Rory Aptekar <i>Chime</i>	Ross Boucher	Ross Nelson
Roy Brokvam	Ruby Khan <i>Columbia University</i>	Rubén Fernández <i>Ecopower Academy Northern Europe AB</i>	Runshan Chen <i>ToTheMoonAndBack</i>
Rupert Kenneth Shuttleworth <i>Google</i>	Russell Lewis	Ryan Barrett	Ryan Boehning
Ryan Broman <i>California State University, Sacramento</i>	Ryan Brott	Ryan Canty <i>Former Google</i>	Ryan James Wires
Kroger Technology	Ryan Lane	Ryan Miller <i>Durham College</i>	Ryan Mullett
Red Hat	Ryan Murphy <i>IronCore Labs</i>	Ryan Plant	Ryan Slama <i>Slack</i>
Ryan Sparks <i>ASU</i>	Ryanne Dolan <i>LinkedIn</i>	S L Niemann	S.H.M. van Houten
Sagi Kedmi <i>OpenSay</i>	Sam DeLuca	Sam Hogarth	Sam Kottler
Sam Wilson <i>Bainbridge Health, Inc.</i>	Samantha Zirkin <i>Cross Border Civilians Foundation</i>	Samson Adejoro	Samuel Batista
Samuel Oosterhuis	Samuel Pastva <i>Masaryk University</i>	Samuel Vrech	Sarah Imrisek
Sarah Robin Boerstler	Sasa Sekulic	Scott Burton <i>SprintFWD</i>	Scott Draves
Scott Fegette	Scott Hanselman	Scott Jungling	Scott McKay
Scott Treloar <i>Noviscent</i>	Sean Chitwood <i>Groupon</i>	Sean Dague <i>IBM</i>	Sean Higgins
Capital One	Sean Kelly	Sean Killeen	Sean King
Sean MacRae	Seb Jacobs	Sebastian Janisz <i>Ultimate Walrus LLC</i>	Sebastian Richter
Seth Angell	University Of North Carolina at Wilmington	Seth Robert Jacobs	Seth Vargo
Shakeel Mahate	Hitachi Energy	Shane Loeffler	Sharif Aly
Shawn Chanslor <i>Data Innovations LLC</i>	Shawn Hargreaves	Shawn Holmes <i>Wrapmate</i>	Shayon Mukherjee <i>Tines</i>
Sheridan Kates <i>Autonomous University of Barcelona</i>	Sherif Hanna	Shivani Khosa	Sibin Grasic <i>Oblak Solutions</i>
Simon Crosby	Simon Emms	Simon Gardner	Simon Hain
ISEC7 Software GmbH	Simon Harrison	Simon Hildebrandt	Simon Klimaschka
Simon P. Lucy <i>G30 Consultants Ltd</i>	Simon Skrede	The Lovdata foundation	Simon Willison
Simone Colombo	Simone Piuanno	Skye Soss <i>University of Chicago</i>	Sophie Schmieg
Spencer Rudnick <i>Ableton</i>	Srikanth Kasukurthi	Stacy Kim	Stefan du Fresne
Stefan Hayden <i>Splice</i>	Stefan Sedich	Stefan Wert	Stefane Fermigier, PhD
Abilian SAS	Stefano Saitta <i>ThoughtWorks</i>	Stefano Zacchiroli <i>Télécom Paris, Polytechnic Institute of Paris</i>	Steffen Kamp <i>pixolus GmbH, Germany</i>
Stephan Eggermont <i>Sensus</i>	Stephan Goergen	Stephen Amar	Stephen Avsec
Stephen Bach	Stephen Ball	Stephen Garrett <i>Georgia Institute of Technology</i>	Stephen James Thomas
Stephen Latta <i>Microsoft</i>	Stephen Marsh	The Metropolitan Museum of Art	Stephen McGregor
Stephen Morgan	Stephen Touset <i>Block, Inc</i>	Steve Anichini <i>Disbelief</i>	Steve Fenton

Steve Hart	Steven Beasley	Steven Calvert	Steven Hyland
Steven J. Muchmore	Steven L. Johnson <i>University of Virginia</i>	Steven N. Severinghaus	Steven Nichols <i>L3Harris Technologies</i>
Steven Probst <i>GlobalRisk</i>	Steven Zekowski	Stuart MacIntosh	Stuart P. Bentley
Stuart Watt	Stuart Wilson	Sudhindra Sajjal	Sumeet Rohatgi
Suzanne J. Aldrich	Suzanne Wilson	Sven Richter	Software AG
Sylvain Fankhauser	Sébastien Diemer	Søren Sjørup	Tanner Lievois
Tasman Merrick	Taylor Hunt <i>eBay</i>	Ted M. Young <i>Former eBay, Google, and Apple Software Engineer</i>	Ted Wexler
Tejaswi Gowda, PhD <i>Arizona State University</i>	Terrence Curran	Theofilos Fokas	Thom Mahoney
Thomas Burkhart	Thomas Fenech	Thomas Fuchs	Thomas Ingram
Thomas Johansson	Thomas Manthey	Thomas Parslow	Thomas Powell <i>University of California, San Diego</i>
Thomas Randolph	Thomas Renger	Thomas Shone	Thomas Svensen
Thomas Underhill	Thomas Vaughn	Thomas Vestergaard Trolle <i>Tradeshift</i>	Thorsten Reichert
IBA Dosimetry	Théophile de Segonzac	Tiago Cunha	Tierney Cyren
Till Adam	Till Klocke	Tim Allclair <i>Google</i>	Tim Capes
Tim Fish	Tim Stumbaugh	Hudson River Trading	Timo Müller
Timon Stalder <i>Glencore</i>	Timothy Aidley <i>Unity Technologies</i>	Timothy Caro-Bruce	Timothy J. Mortimer
Timothy Miller <i>Microsoft</i>	Timothy Pletcher	Hewlett Packard Enterprise	Timothy St. Clair <i>Kubernetes</i>
Tina Hui	Follow The Coin Labs	Titus Winters <i>Google</i>	Tobias Heintz
Tobias Roland <i>ITV</i>	Tod Thomson	Todd Kulesza, PhD <i>Google</i>	Tom Callaway <i>Amazon Web Services</i>
Tom Churchill <i>SHOTOVER Systems</i>	Tom Humphreys <i>JPMorgan Chase & Co.</i>	Tom Kirchner	Tom Ritchford <i>Engora, Inc</i>
Tom Stokes	Tomasz Niedźwiedź	Wunderman Thompson Technology	Tony Scelfo <i>Google</i>
Torsten Fock-Herde	Tran Long	Cyber Space	Travis Cole
Travis Collins	Travis Hymas <i>HealthEquity</i>	Travis Kimmel	Travis Matthew Siflinger
Travis Thompson <i>Apple</i>	Tre Murillo	Treussart Matthieu	Trevor Atlas
Trey Spires	Tristan Harward	Tudor Golubenco	Tyler Britten
Tyler Harpool <i>Jack Henry & Associates</i>	Tyler Keating	Tyler McCraw	Tyson Mote <i>Twilio</i>
Ubiratan Soares <i>Dotanuki Labs</i>	Ulysse Mizrahi	Umut Seven	Uri Avni <i>Zixi</i>
Utkarsh Gupta <i>Saavn Media Pvt. Ltd.</i>	Valentin Pertuisot	Venkat Rajeev Malipeddi	Venkatesh Hegde
Victor Yodaiken	Vihar Chokshi	Vikram Mishra	Viktor Charypar <i>Red Badger Consulting Ltd.</i>
Viktor Rosenfeld	Technische Universität Berlin	Vince Allen	Vince Scafaria
CEO of DotAlign	Vincent Maule	Vincent Nwonah	Vinicius Schettino <i>Federal University of Rio de Janeiro</i>
Violet White <i>UNC</i>	Virgile Robles <i>Tweag</i>	Vishwaja Cheruku <i>Google</i>	Vlad Zarytovskii
Víctor Rodríguez Ramón <i>Feeld</i>	Wade Leftwich	Wael El Oraiby	Wayne Myers
Wayne Werner	Wesley L Handy	Wilhelm Frederick Noel Lichnock	Always Be Gaming
Will Floyd	Will Osbourne	William B. Capon <i>American Systems</i>	William Chad Lee
William J. Bowman <i>University of British Columbia</i>	William Key	William McMullen	William Noon <i>Cornell University</i>
William Perron <i>Shopify</i>	William Renk	William Robinson	William Sorensen

Wilson Dennison	Wilson Husin	Wouter Jonker	Wylan Werth <i>PDQ.com</i>
Xalavier Nelson Jr	Yaakov Smith	Yann Le Gars	Yasuhiro Yoshida
Yauchau Ching	IEEE Fellow, Bellcore Fellow	Yawar Quadir Amin	Yechiel Kalmenson <i>VMware</i>
Yeray Diaz	Yigit Gorgulu	Yuri Barbashov	Yuval Sivan <i>Amazon</i>
Yuvi Panda	Project Jupyter	Zach Auten <i>Bandwidth</i>	Zach Biri
Zachary Alexander <i>Microsoft</i>	Zachary David Sweigart	Zachary Harris	Zachary Kohnen
Zack Schultz	Zekka Nelson <i>Dating Group</i>	Zellyn Hunter	Éamonn McManus <i>Google</i>
Łukasz Byjós			

External Writing and Research

The resources offered here were chosen by the authors of this letter as useful reference material only. The inclusion of a paper and/or author in this list does not constitute an endorsement of this letter of our views.

- Allen, Hilary J. 2022. 'DeFi: Shadow Banking 2.0?' SSRN Electronic Journal. <https://doi.org/10.2139/ssrn.4038788>
- Allen, Hilary. 2022. Driverless Finance. Oxford University Press.
- Chancellor, Edward. 1999. 'Devil Take the Hindmost: A History of Financial Speculation'.
- Dhawan, Anirudh, and Talis J Putninh. 2020. 'A New Wolf in Town? Pump-and-Dump Manipulation in Cryptocurrency Markets'. SSRN Electronic Journal. <https://doi.org/10.2139/ssrn.3670714>
- Dwyer, Gerald P. 1996. 'Wildcat Banking, Banking Panics, and Free Banking in the United States', 20.
- Chipolina, Scott. 2022. 'The Week That Shook Crypto'. Financial Times, 13 May 2022. <https://www.ft.com/content/3e0a65bb-a953-433a-819e-ff29de847336>
- Foley, Sean, Jonathan R Karlsen, and Talis J Putninh. 2019. 'Sex, Drugs, and Bitcoin: How Much Illegal Activity Is Financed through Cryptocurrencies?' The Review of Financial Studies 32 (5): 1798-1853.
- Gorton, Gary B., and Jeffery Zhang. 2021. 'Taming Wildcat Stablecoins'. SSRN Electronic Journal. <https://doi.org/10.2139/ssrn.3888752>
- Hamrick, JT, Farhang Rouhi, Arghya Mukherjee, Amir Feder, Neil Gandal, Tyler Moore, and Marie Vasek. 2018. 'An Examination of the Cryptocurrency Pump and Dump Ecosystem'. <http://ssrn.com/paper=3303365>
- Hanley, Brian P. 2018. 'The False Premises and Promises of Bitcoin'. ArXiv:1312.2048 [Cs, q-Fin], July. <http://arxiv.org/abs/1312.2048>
- Hockett, Robert C. 2019. 'Money's Past Is Fintech's Future: Wildcat Crypto, the Digital Dollar, and Citizen Central Banking'.
- Kindleberger, Charles P, Panics Manias, and A Crashes. 1996. 'History of Financial Crises'. Wiley, New York.
- Kelly, Jemima. 2021. 'Why We Shouldn't Listen to Crypto "Experts"'. Financial Times, 23 June 2021. <https://www.ft.com/content/26283f09-c3df-4c7e-814c-65083b063d8a>
- Mehrotra, Kartikay. 2020. 'UCSF Hack Shows Evolving Risks of Ransomware in the Covid Era'. Bloomberg.Com. Bloomberg. <https://www.bloomberg.com/news/features/2020-08-19/ucsf-hack-shows-evolving-risks-of-ransoware-in-the-covid-era>
- Mims, Christopher. 2022. 'NFTs, Cryptocurrencies and Web3 Are Multilevel Marketing Schemes for a New Generation - WSJ'. Wall Street Journal. 19 February 2022. <https://www.wsj.com/articles/nfts-cryptocurrencies-and-web3-are-multilevel-marketing-schemes-for-a-new-generation-11645246824>
- Orcutt, Mike. 2020. 'This Is How North Korea Uses Cutting-Edge Crypto Money Laundering to Steal Millions'. MIT Technology Review. <http://www.technologyreview.com/2020/03/05/916688/north-korean-hackers-cryptocurrency-money-laundering/>
- Popper, Nathaniel. 2020. 'Ransomware Attacks Grow, Crippling Cities and Businesses'. New York Times, February.
- Schneier, Bruce. 2019. 'There's No Good Reason to Trust Blockchain Technology'. Wired Magazine. <https://www.wired.com/story/theres-no-good-reason-to-trust-blockchain-technology/>
- Shiller, Robert J. 2017. 'What Is Bitcoin Really Worth? Don't Even Ask.' The New York Times, 15 December 2017, sec. Business. <https://www.nytimes.com/2017/12/15/business/bitcoin-investing.html>
- Steele, Graham. 2021. 'The Miner of Last Resort: Digital Currency, Shadow Money and the Role of the Central Bank'. Technology and Government, Emerald Studies in Media and Communications, Forthcoming.

- Taleb, Nassim Nicholas. 2021. 'Bitcoin, Currencies, and Fragility'. ArXiv:2106.14204 [Physics, q-Fin], July. <http://arxiv.org/abs/2106.14204>
- Rosenthal, David. n.d. 'Stanford Lecture on Cryptocurrency'. Accessed 2 March 2022. <https://blog.dshr.org/2022/02/ee380-talk.html>
- Vries, Alex de. 2018. 'Bitcoin's Growing Energy Problem'. Joule 2 (5): 801-5. <https://doi.org/10.1016/j.joule.2018.04.016>
- Vries, Alex de. 2020. 'Bitcoin's Energy Consumption Is Underestimated: A Market Dynamics Approach'. Energy Research & Social Science 70: 101721.
- Vries, Alex de, and Christian Stoll. 2021. 'Bitcoin's Growing e-Waste Problem'. Resources, Conservation and Recycling 175 (September): 105901. <https://doi.org/10.1016/j.resconrec.2021.105901>
- Walch, Angela. 2019. 'Deconstructing Decentralization: Exploring the Core Claim of Crypto Systems'. C. Brummer (Ed.), Crypto Assets: Legal and Monetary Perspectives, 1-36. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3326244
- Weaver, Nicholas. 2018. 'Risks of Cryptocurrencies'. Communications of the ACM 61 (6): 20-24.
- White, Molly. 2022. 'Abuse and Harassment on the Blockchain'. Molly White. 22 January 2022. <https://blog.mollywhite.net/abuse-and-harassment-on-the-blockchain/>