

Silicon Flatirons



A Center for Law, Technology, and Entrepreneurship at the University of Colorado

2000 DIGITAL BROADBAND MIGRATION: TELECOMMUNICATIONS LAW FOR THE 21ST CENTURY



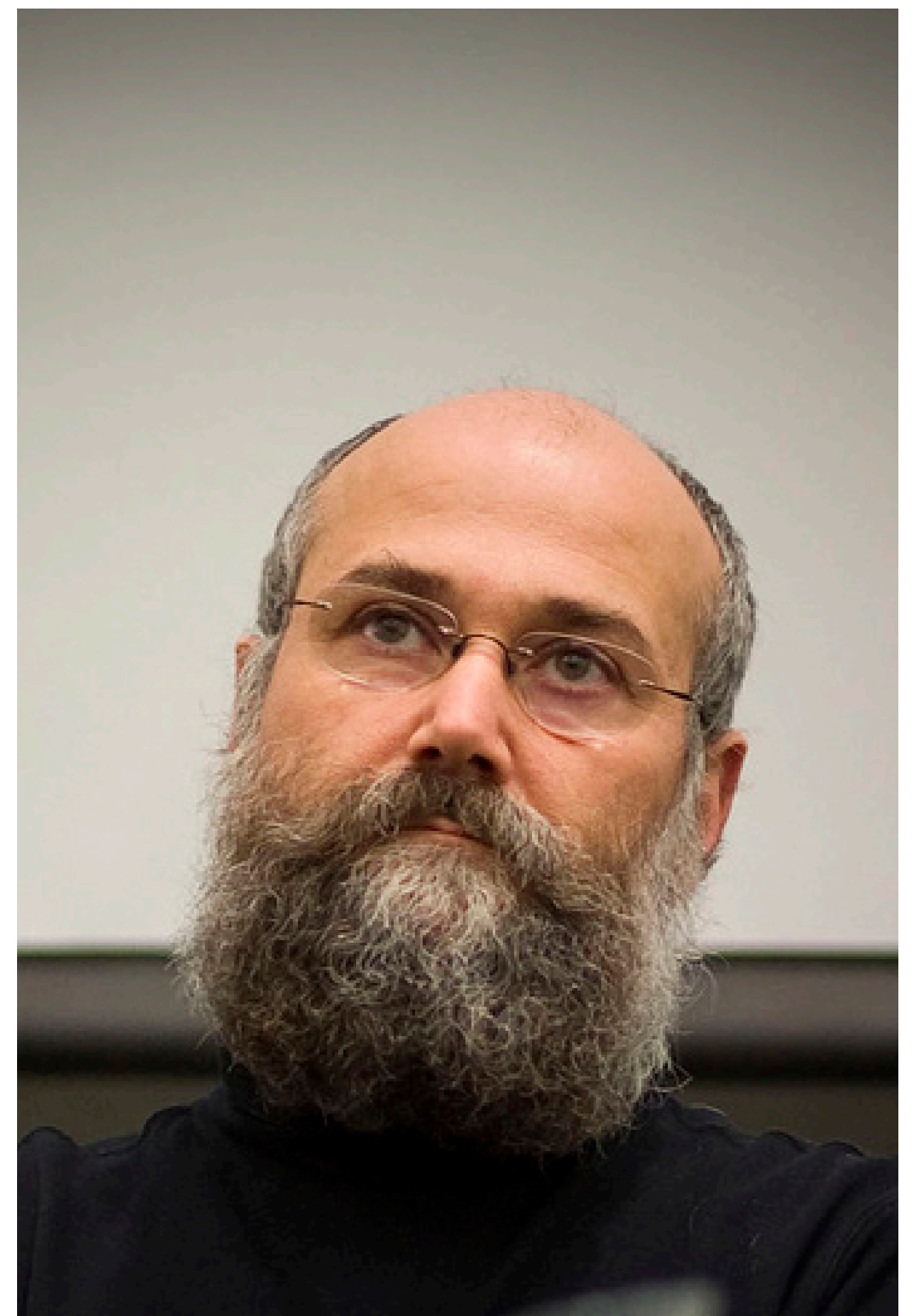
*"Technological progress isn't everything;
it's the only thing."*

- James Chen
Professor of Law
University of Minnesota



*"No one said telecommunications
regulation was for the faint of heart."*

- Phil Weiser
Associate Professor of Law
University of Colorado



*"We must understand that we make Net
policy at all these layers -- its utilization
for the provision of public goods, its
infrastructural development, and its
effects on the structures our society uses
to control the flow of information -- and
that the choices we make interact across
clusters and within clusters among specific
choices."*

- Yochai Benkler
Associate Professor of Law
New York University School of Law



2002

DIGITAL BROADBAND MIGRATION: REGULATION OF INFORMATION PLATFORMS



"It is all too easy to comprehend the openness of the Internet, but it is difficult to map this openness onto business and architectural models in the current regulatory model."

- Douglas Sicker
Assistant Professor
University of Colorado



"There is a role for non-profit preservation of inventions in the public domain on a similar model for what conservationists have used for real property -- i.e., the development of a land trust-type model."

- Molly Shaffer Van Houweling
Research Fellow, Center for Internet and
Society, Stanford Law School



"In many ways, the debate between 'the-first-inventor-is-king' faction and the 'follow-on-innovation-is-the-lifblood-of-the-economy' faction is an unproductive one."

- Michael Katz
Deputy Assistant Attorney General, United
States Department of Justice, Antitrust
Division; Professor of Business, University
of California, Berkeley (on leave)



2003

DIGITAL BROADBAND MIGRATION: MODELS OF REGULATION FOR THE NEW ECONOMY



"Given the collective creativity and tenacity of those with an interest in digital copying and file-sharing technologies, the legal arms of the content industries will arguably never keep pace with their development."

- Stacey Dogan
Associate Professor of Law
Northeastern University



"The best approach to regulation should be like the use of garlic in cooking—careful and sparingly."

- James Crowe
Chief Executive Officer
Level 3 Communications



"No rule can perfectly stamp out all undesirable behavior. The point of the network neutrality principle is to make interference with the application markets much harder."

- Timothy Wu
Associate Professor of Law
University of Virginia



2004

DIGITAL BROADBAND MIGRATION: TOWARD A REGULATORY REGIME



"If we secure a reasonable balance between the needs of network providers and Internet Freedom, consumers will reap the benefits of broadband without intrusive regulation, while preserving industry's incentives to deploy more high-speed platforms."

- Michael Powell
Chairman
Federal Communications Commission



"The development of a competitive mobile broadband market will be essential to assuring that the potentially adverse consequences of entrenched spectrum rights are mitigated."

- Howard Shelanski
Professor of Law
University of California, Berkeley



"I don't think regulators are dumb and companies are smart. I think they're both dumb. It's just that markets usually correct errors quicker than regulators."

- Raymond Gifford
President
Progress and Freedom Foundation



2005

DIGITAL BROADBAND MIGRATION: REWRITING THE TELECOM ACT



"The underlying notion is that in the analog world there is a marriage between the platform and the service, and we are trying to pry those two things apart."

- Bryan Tramont

Chief of Staff, Chairman Michael Powell,
Federal Communications Commission



"It is tempting in the face of complexity to abandon fairness in spectrum management reform. But it is neither realistic nor proper to restructure wireless access rights without concern for fairness."

- Ellen Goodman

Associate Professor of Law
Rutgers University



"Broadband is destroying the distinctions among cable, wireless, and circuit-switched telephony, between local and long-distance, intra- and interLATA, voice and data, telecommunications and 'information service'."

- Alfred Kahn

Emeritus Professor of Economics
Cornell University; Former Chairman of
the Civil Aeronautics Board



2006

DIGITAL BROADBAND MIGRATION: CONFRONTING THE NEW REGULATORY FRONTIERS



"Two clichés sum up the telecommunications policy world for the past half dozen years. First, the only constant is change. Second, the more things change, the more they stay the same."

- Jonathan Nuechterlein
Partner
WilmerHale



"A fruitful combination of all three perspectives on 'the Internet' might involve emphasizing the importance of global interconnectivity (the Engineer priority) while recognizing both the potential for human development inherent in globally interactive communications (the Nethead priority) and the need for adequate investment in infrastructure (the Telco priority)."

- Susan Crawford
Associate Professor
Cardozo School of Law



"The emphasis on openness not only facilitates access by end users but also facilitates the interconnection of the private and public networks of which the Internet is comprised."

- Dale Hatfield
Adjunct Professor
University of Colorado



2007

DIGITAL BROADBAND MIGRATION: THE EMERGING WORLD OF TELECOMMUNICATIONS



"Although patently different subjects, [race discrimination and net discrimination] share some similarities. After all, during much of this nation's history, individuals were officially provided differential carriage, access, and interconnection on the basis of race."

- Jerry Kang
Professor of Law
University of California, Los Angeles



"Americans generally believe that the market is, or at least can be, an effective means of protecting consumers... however, consumers of digital media products cannot generally detect TPMs [Technical Protection Measures] by looking at these products prior to purchasing them or during use of the product."

- Pamela Samuelson
Professor
University of California, Berkeley



"Internet intermediaries need safe harbors. A single, rationally designed safe harbor based on a modified trademark model would permit plaintiffs the relief they need while protecting Internet intermediaries from unreasonable liability."

- Mark Lemley
Professor of Law
Stanford Law School



2008

DIGITAL BROADBAND MIGRATION: INFORMATION POLICY FOR THE NEXT ADMINISTRATION



"Broadband connectivity is the fundamental public utility of the digital age. Yet America, almost uniquely among major industrialized countries, lacks a national broadband strategy."

- Kevin Werbach
Associate Professor
University of Pennsylvania



"The notion that broadcasters are somehow public trustees, doing goodies for the people in exchange for exclusive licensing of spectrum, makes no sense."

- Gigi B. Sohn
President and Chief Executive Officer
Public Knowledge



"Whatever the mix of state and federal enforcement has been, online harms will likely be better addressed with a greater federal role than before."

- Peter Swire
Professor of Law
Ohio State University



2009

DIGITAL BROADBAND MIGRATION: IMAGINING THE INTERNET'S FUTURE



"The successful agency of the future is one that invests heavily in building knowledge and in refreshing its intellectual capital. These investments are the public administration equivalent of research and development."

- William Kovacic
Chairman
Federal Trade Commission



"Anybody who has been involved in innovation knows that creating and sustaining innovation is extremely disruptive and painful. When a new innovator displaces an old innovator, the old innovator often struggles or dies, and the change is very disruptive – which can be good to one side and bad to the other side."

- Brad Feld
Managing Director
Foundry Group



"The tools of discrimination must be controlled or taken out of the hands of network monopolists to prevent them from using their market power over facilities to undermine competition or stifle creativity in programming and content."

- Mark Cooper
Director of Research
Consumer Federation of America



2010

DIGITAL BROADBAND MIGRATION: EXAMINING THE INTERNET'S ECOSYSTEM



"We look at the internet as the best applications platform ever conceived, and we believe it needs to be open."

- Larissa Herda
Chairman, Chief Executive Officer, and
President, tw telecom inc.



"The internet is actually shockingly stable and boring at the standards level of the internet. The stability and simplicity of these standards are tremendously important for enabling innovation to happen."

- Daniel Weitzner
Associate Administrator for Policy Analysis
and Development, NTIA; Principal
Research Scientist, MIT

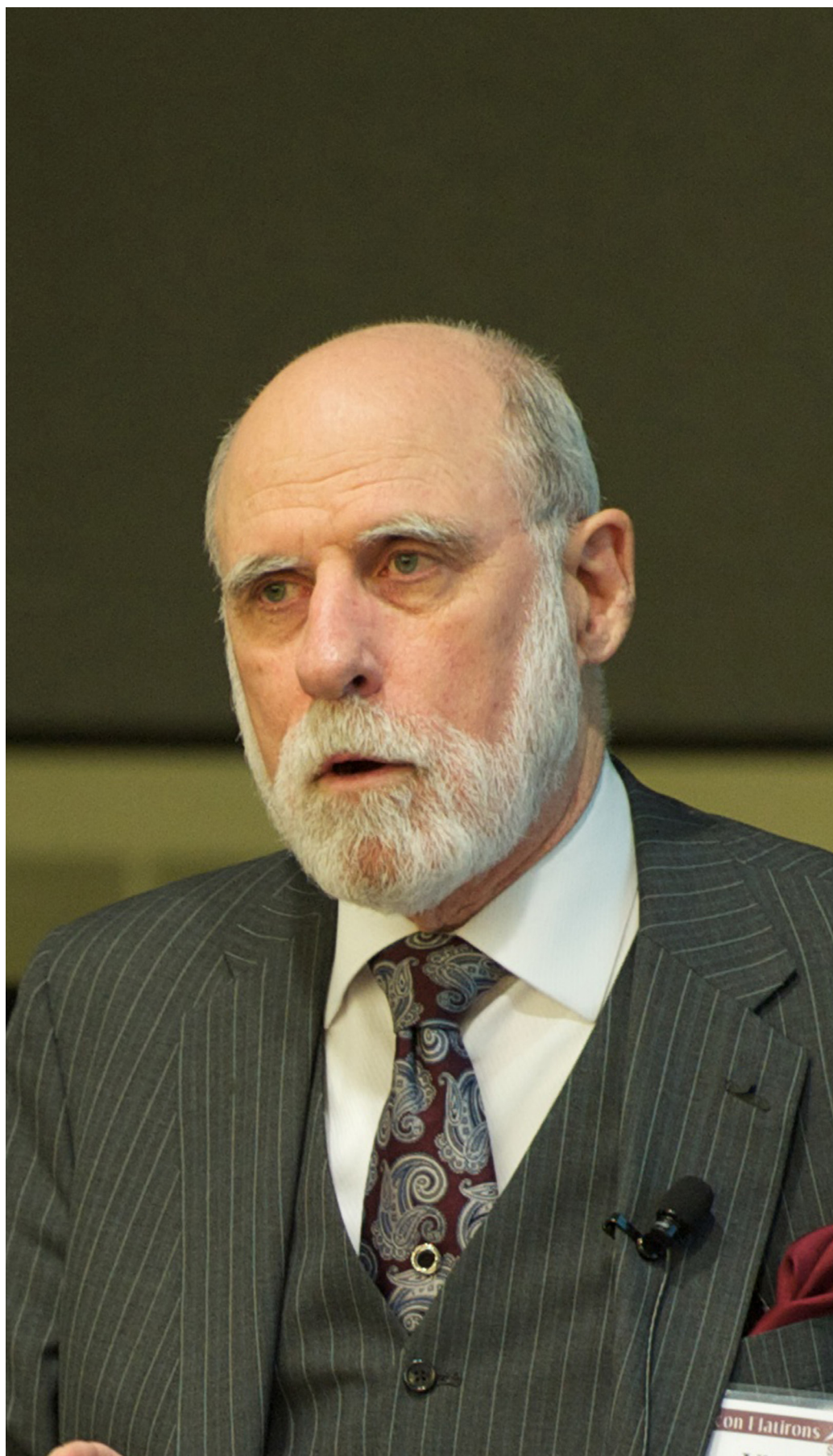


"When we talk about Internet governance, we should really look at the Internet as an agglomeration of human actors. It is a large and growing social organization. There are no natural laws to guide it."

- Larry Strickling
Assistant Secretary for Communications
and Information, NTIA



2011 DIGITAL BROADBAND MIGRATION: THE DYNAMICS OF DISRUPTIVE INNOVATION



"The Digital Broadband Migration conference is the Davos of Telecom."

- Vinton Cerf
Vice President and Chief Internet Evangelist, Google



"The entire process of considering rules before we get to the process of even adopting rules was an encouragement for people to consider the BITAG process."

- Leslie Harris
President and Chief Executive Officer
Center for Democracy and Technology



"There has never been a better time to be an innovator in healthcare than today."

- Aneesh Chopra
Chief Technology Officer, Office of Science and Technology Policy, The White House



2012

DIGITAL BROADBAND MIGRATION: THE CHALLENGES OF INTERNET LAW AND GOVERNANCE



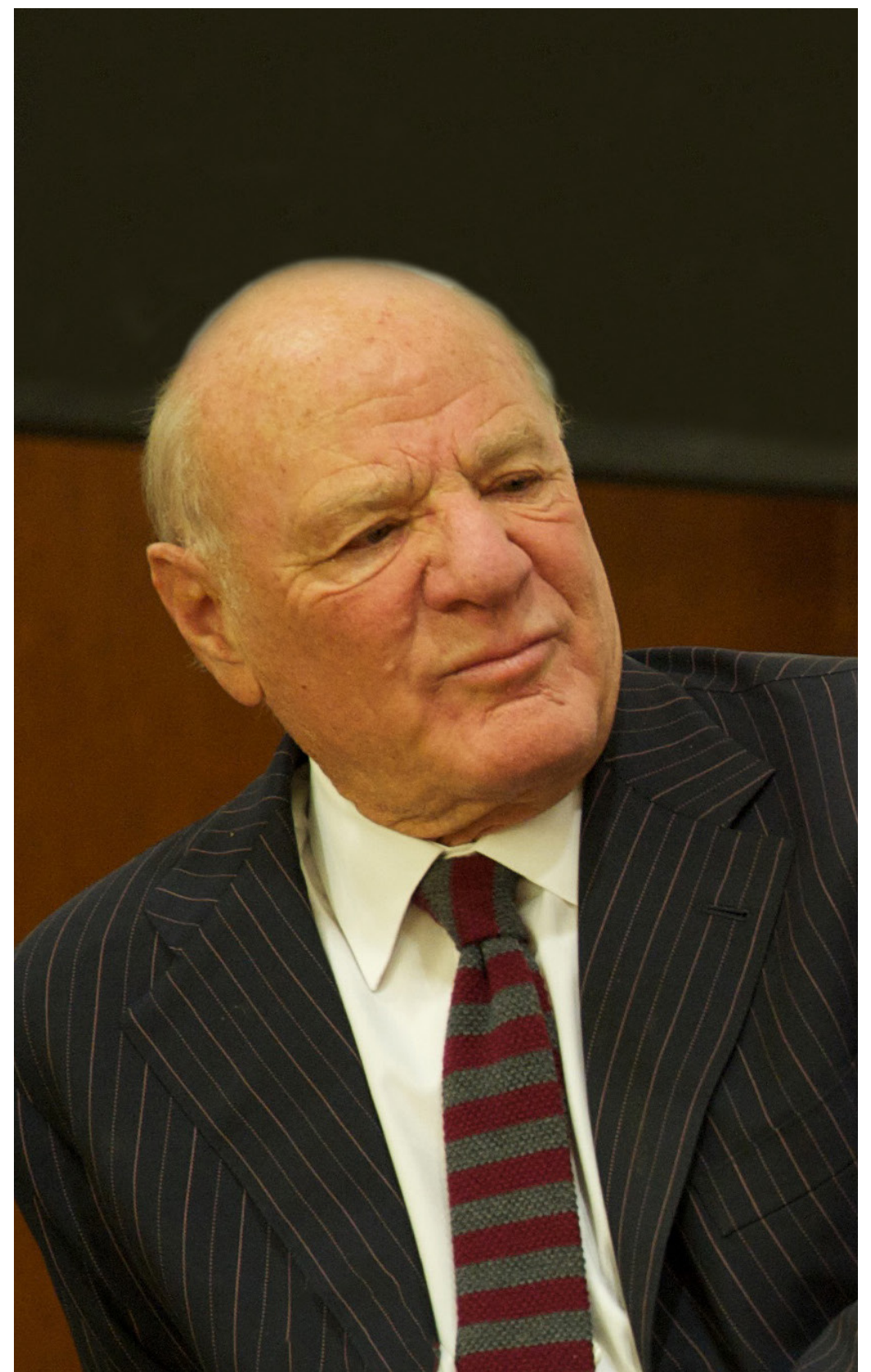
"It's going to be emerging industries, developed by many entrepreneurs, that are here, that are going to be the engines that drive our economy, that drive job growth, and drive wage growth."

- Michael Bennet
United States Senator for Colorado



"The traditional view is technology is neutral [but] technologists ought to be sensitive to the landscape that they are shifting... and try not to play God."

- Deirdre Mulligan
Professor of Law
University of California, Berkeley



"The thing that I've always prized is creative conflict. You want an environment where people can and do express passionately...what they believe and what they think is the right thing to do in any situation."

- Barry Diller
Chairman and Senior Executive
IAC and Expedia, Inc.



2013

DIGITAL BROADBAND MIGRATION: THE FUTURE OF INTERNET-ENABLED INNOVATION



"We can identify a class of disputes that are more about interconnection, and a class of disputes that are really more about discrimination, but I don't think we can talk about interconnection as if it lives in a bubble apart from the question of discrimination."

- James Speta
Professor of Law
Northwestern University



"One of the issues the FTC needs to pay close attention to in regards to anti-trust issues is looking at the difference between competition within a platform and cross-platform competition."

- Maureen Ohlhausen
Commissioner
Federal Trade Commission



"Everybody better be getting fast onto the world of IP. We cannot sit here as a country and hold onto policies that cause us to hold onto obsolete technologies and expect to keep these forerunning positions in the globe in terms of technology and innovation."

- Randall Stephenson
Chairman and Chief Executive Officer
AT&T



2014

DIGITAL BROADBAND MIGRATION: AFTER THE INTERNET PROTOCOL REVOLUTION



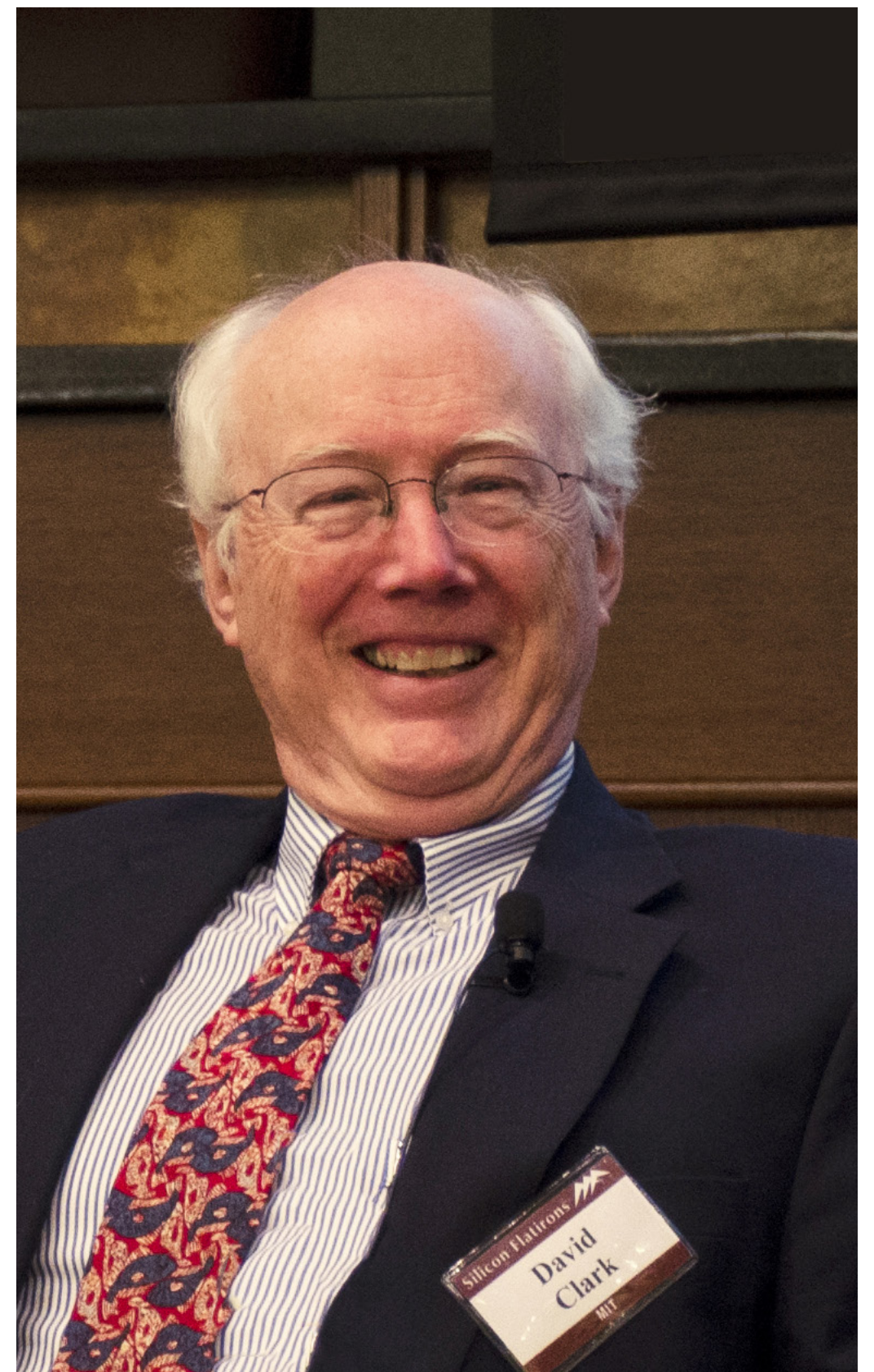
"Silicon Flatirons is a place where law, policy, and entrepreneurship come together to discuss the present and plot the future. That is a unique contribution to our national dialogue."

- Tom Wheeler
Chairman
Federal Communications Commission



"I think that basic consumer protections can really help promote innovation, and it's important that consumers feel that they have control over their information, and that the agency continues to look at these issues in a very sophisticated way."

- Edith Ramirez
Chairwoman
Federal Trade Commission



"Since the title of the conference was about after the internet protocol revolution, it's all about migration, I just want to point out: we're migrating to the internet, we're migrating to IP based services, and that's an important distinction."

- David Clark
Senior Research Scientist
MIT