

ARIN Elections

*2009 Board of Trustees &
Advisory Council*



October 2009

Board and Advisory Council
results will be announced 5 Nov

SUN	MON	TUES	WED	THUR	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21 Candidate Speeches Voting Opens 3pm EDT	22 Look for Candidate Speeches Online at Election Headquarters	23	24
25	26	27	28	29	30	31 Voting Closes 3pm EDT

ARIN Election Headquarters

☑ Voting Booth

☑ Candidate Biographies

☑ Statements of Support

The screenshot shows a web browser window titled "Election Headquarters" with the URL <https://www.arin.net/app/election/>. The browser's address bar and search bar are visible. The website header includes the ARIN logo (American Registry for Internet Numbers) and a navigation menu with links for NUMBER RESOURCES, PARTICIPATE, POLICIES, FEES & INVOICES, KNOWLEDGE, and ABOUT US. A search bar labeled "SEARCH WHOIS" is located in the top right corner. The main content area is titled "ELECTION HEADQUARTERS" and features a "SECURE LOGIN" section on the left with fields for "username:" (with a "new user?" link) and "password:" (with an "assistance" link), a "log in" button, and a link for "Do I need an account?". In the center, there is a large graphic for the "2009 ELECTION" with the text "THE AMERICAN REGISTRY FOR INTERNET NUMBERS" and "Founded 1997". To the right of this graphic is a "VOTE NOW" button. Below the graphic, the text states: "ARIN Election Headquarters provides access to all the information and forms needed to participate in ARIN's election process. After reviewing the ARIN Election Guidelines, click on the available links in the Current and Upcoming Elections to participate in open election activities." Below this is a section titled "CURRENT STATUS OF 2009 ELECTIONS" with the text: "The current status of the 2009 Election activities is:" followed by a list of updates: "> Final Slate of Candidates has been announced for the ARIN Board and Advisory Council and the NRO Number Council", "> Biographies have been posted and you may view or submit Statements of Support", and "> NRO NC online election is now open for eligible designated member representatives of Members in good standing". A link is provided: "Click on the available links below to participate in open election activities." Below this is a section titled "CURRENT AND UPCOMING ELECTIONS" with a note: "*Please note that the following times are in Eastern Daylight Time (EDT)*" and the text: "You must be the designated member representative from a General Member in good standing to voice your support for a petitioner. Supporters must confirm their support by 17:01 ET, Wednesday, 7 October, 2009. If you attempt to vote and have an issue, please contact info@arin.net immediately." At the bottom of the page, a blue banner reads "2009 NUMBER RESOURCE ORGANIZATION NUMBER COUNCIL ELECTION". On the right side of the page, there are two vertical navigation menus. The first is titled "SEARCH THIS SECTION" with an "Advanced Search" button. The second is titled "ELECTIONS" and contains links for "> Headquarters", "> Calendar", "> Voting Procedures", and "> Voter Eligibility FAQ". The third is titled "ELECTION PROCEDURES" and contains links for "> Conflict of Interest", "> Board of Trustees", "> Board Petition Process", "> Advisory Council", "> Advisory Council Petition Process", "> NRO Number Council", and "> Nomination Committee FAQs".

Voting Ballot

Ballot

SELECT CANDIDATES

Select no more than 3 candidate(s).

Paul Andersen	<input type="checkbox"/>
Scott Bradner	<input type="checkbox"/>
Lee Howard	<input type="checkbox"/>
Aaron Hughes	<input type="checkbox"/>
Frederick Silry	<input type="checkbox"/>

Select 3

[RESET](#) [SUBMIT](#)

[RETURN TO VOTING BOOTH](#)

- **Candidates are listed alphabetically**
- **3 year terms beginning 1 January 2010**

Ballot

SELECT CANDIDATES

Select no more than 5 candidate(s).

Mark Bayliss	<input type="checkbox"/>
John Brown	<input type="checkbox"/>
Rudolf Daniel	<input type="checkbox"/>
Steve Feldman	<input type="checkbox"/>
Wes George	<input type="checkbox"/>
Chris Grundemann	<input type="checkbox"/>
Stacy Hughes	<input type="checkbox"/>
Kevin Hunt	<input type="checkbox"/>
Mark Johnson	<input type="checkbox"/>
Ed Kern	<input type="checkbox"/>
Chris Morrow	<input type="checkbox"/>
Bill Sandford	<input type="checkbox"/>
Christopher Savage	<input type="checkbox"/>
Heather Schiller	<input type="checkbox"/>
Rob Seastron	<input type="checkbox"/>
Scott Weeks	<input type="checkbox"/>
Tom Zeller	<input type="checkbox"/>

Select 5

[RESET](#) [SUBMIT](#)

[RETURN TO VOTING BOOTH](#)

Voting Procedures

- Only designated member representatives (DMRs) from ARIN General Members in good standing may vote
- Deadline to establish voter eligibility was 7 October
 - General Member in good standing
 - E-mail account must include the DMR's name or initials and the organization's domain name
- Wednesday, 21 October:
 - Election Headquarters URL and instructions sent to eligible DMRs
 - E-mail reminder to arin-announce



Voting Procedures

3 Easy Steps: <https://www.arin.net/app/election/>



Register

First & Last Name

DMR E-mail

Create Username & Password

**Or Login if voted in previous election*

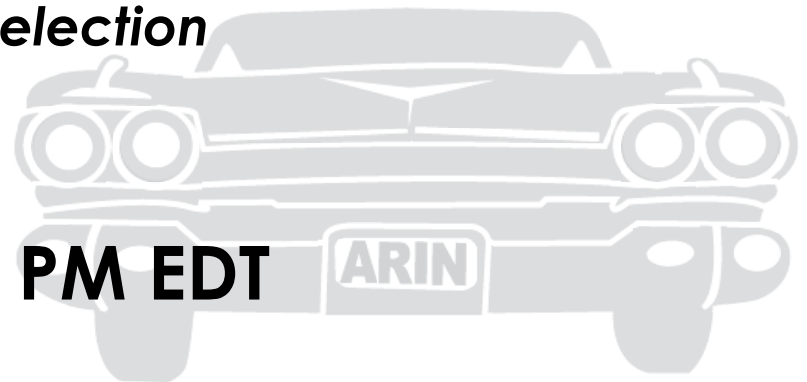


Vote



Confirm

- **Deadline to vote:**
Saturday, 31 October, 3 PM EDT



Advisory Council

2009 Candidates

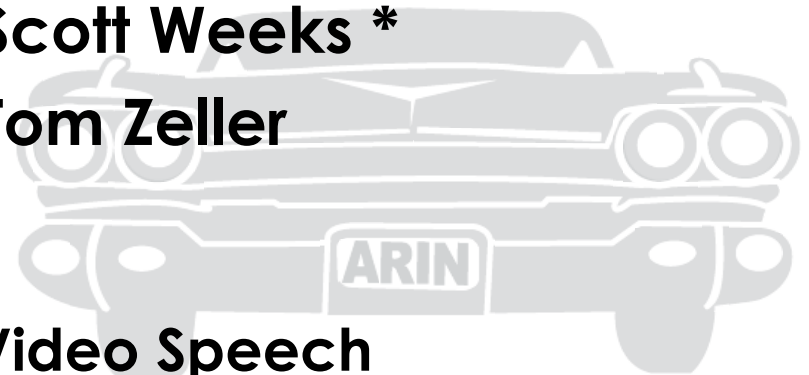


Advisory Council Candidates

- Mark Bayliss
- John Brown *
- Rudolf Daniel * (V)
- Steve Feldman
- Wes George
- Chris Grundemann
- Stacy Hughes
- Kevin Hunt *
- Mark Johnson *
- Ed Kern
- Chris Morrow
- Bill Sandiford
- Christopher Savage
- Heather Schiller
- Rob Seastrom
- Scott Weeks *
- Tom Zeller

* = Not in attendance

(V) = Video Speech



Mark Bayliss

Motivation to Serve:

My experience and knowledge gained from being an ISP since 1993, along with my efforts working with real world IPv6 deployments will be an asset to the AC. I also want to make sure that the majority of ARIN members are equally represented. I will help to bring the views of smaller ISPs to the AC.

Biography:

- Founding member and director of the Virginia Internet Service Providers Alliance (VISPA).
- President and founding member of the West Virginia Broadband Co-Operative (WVBC).
- Head of the first native IPv6 citywide network project.
- Speaker at the White House and before Congress on Internet policy.
- High Tech Entrepreneur of the Year in Virginia in 2005.
- Founded, and still operating, an ISP and datacenters since 1993.

John Brown*

Motivation to Serve:

To help formulate constructive policy that matches real world conditions experienced by small rural operators and others.

Biography:

Networking geek in New Mexico, rural network operator and backbone provider to other rural providers, co-founder of state wide Internet Exchange, former net.geek for L-Root DNS server, previous member of ARIN A/C, user of ARIN resources.



Rudolf Daniel * (V)

Motivation to Serve:

To improve the Internet policy development process in the Caribbean region and CARICOM countries. I think the Caribbean needs a full time representative and so I hope to fulfill that role.

Biography:

Last 3 years Ongoing: Self Employed ICT for Development consultant, participant Caribbean multi stakeholder Virtual community, St Vincent government's, ICT advisory forum as civil society member, participate CTU's Caribbean Internet Governance Forum. ISOC member, Diplofoundation Internet Governance student and ICANN fellowship at the San Juan public meeting.



Steve Feldman

Motivation to Serve:

ARIN policy must be developed with a set of often conflicting basic principles: - Stewardship of scarce resources: Number spaces are finite, as are resources outside ARIN's direct control, such as routing table entries. ARIN policies should ensure that these resources are not wasted, hoarded, or consumed at a rate that would damage the Internet. - Availability of resources: ARIN policies should ensure that where possible, resources are available to all constituents with demonstrated need. - Fairness of resource distribution: ARIN policies should not favor any constituents, either specifically or by class, over any others, and should not create artificial barriers to entry for new constituents. - Awareness of operational reality: ARIN policy should recognize operational reality, taking into account the current and projected states of actual networks in order to avoid harm. Balancing these is not a simple task, and compromise is often necessary. As an AC member, I would work to ensure that ARIN fully understands the impacts of current and proposed policy, and to help forge compromise and consensus.

Biography:

2007 - present: NANOG, Steering Committee member 2003 - present:
CBS Interactive / CNET: Principal Network Engineer, ARIN member
representative 2005 - 2007: NANOG, Program Committee chair



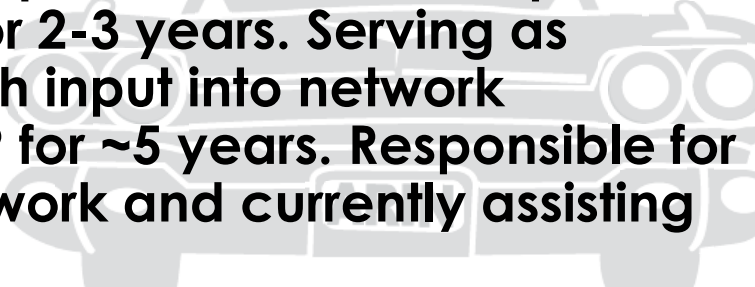
Wes George

Motivation to Serve:

I want to take a more active role in Internet resource policy, and to gain some perspective of the issues and challenges facing ARIN members beyond my own company. I have no specific agenda or goals, other than to ensure that ARIN continues to operate smoothly, and assist in the difficulties that will arise due to IPv4 runout and the IPv6 transition.

Biography:

Serving as official representative for Sprint to ARIN for the past 6 months. Representing Sprint at IETF for 2-3 years. Serving as technical leader for deployment, with input into network evolution and strategy for a tier-1 ISP for ~5 years. Responsible for maintaining Sprint's IPv6 testbed network and currently assisting in Sprint's production IPv6 rollout.



Chris Grundemann

Motivation to Serve: I want to serve on the ARIN Advisory Counsel for a number of reasons. Most of which directly revolve around my passion for the Internet itself. This passion is based on what the Internet provides and also what it represents. I believe that the modern global Internet is a resource unlike any the world has seen before. For the first time in history, knowledge is no longer in the hands solely of the powerful and wealthy. Authors, artists and philosophers have the ability to reach out to much of the world (and to each other) on a scale unimaginable just a few decades ago. You now have the power to seek multiple sources of information, to expose yourself to a plethora of views, slants and takes on almost every topic, both current and historical. We are quite possibly experiencing the dawn of a golden age, another renaissance; a digital awakening to a cultural dialog. ARIN not only facilitates this through its primary task of number resource management, they also foster it with educational programs and information dissemination. Even more important to me is the manner in which ARIN does this; grassroots, consensus based policy developed and approved directly by the community it serves. To me, the what and how combine into something that I can not ignore, something that I want to be a part of. I want to serve on the AC in order to help maintain and promote this wonderful thing we call the Internet in a way that benefits the entire community.

Biography: Chris Grundemann specializes in the design, implementation, and operation of large IP and wireless Ethernet networks. He is currently engaged with tw telecom inc. where he is responsible for the management and maintenance of their national IP backbone and serves as the final escalation point for all IP routing, MPLS and Juniper/JUNOS issues. Prior to tw telecom Chris worked as a Network Engineer for Virtela Communications and as the Manager of Network Systems and Operations at WavMax Broadband. Chris is the founding Chair of CO ISOC, the Colorado chapter of the Internet Society and an active participant in the ARIN policy process. He is the lead developer and chief editor for Burning With The Bush, a Juniper Networks focused news and information site, and also maintains a personal weblog aimed towards Internet related posts typically focusing on network operations, tech-policy and the future of the Internet. Additionally, he is a regular contributor to several Internet and IP related mailing lists and associated events.

Stacy Hughes

Motivation to Serve:

I know the work we do on the AC is very important, and I wish to continue to participate.

Biography:

Stacy Hughes is the peering coordinator and DNS Shield proponent for Neustar Ultra. Preceding this, she was the Peering and Capacity Planning Manager at Internap Network Services. Before joining Internap, she was a member of the Engineering and Data Network Architecture Team at TW Telecom. Prior to that, she was Senior Technical Writer for Operations Systems Support, and later controlled all aspects of IP addressing for the network at ICG Communications. She also was Chief Copy Editor and Proofreader for Archer Books and Cadmus Editions publishing houses. She achieved a B.A. in Spanish Literature with a minor in Latin American Political Systems from Lehigh University. Stacy joined the AC 1 January 2002 to fill a one year term, and she was re-elected in 2003 and 2006. Her current term expires 31 December 2009.

Kevin Hunt *

Motivation to Serve:

Small ISPs, CLECs, and end users large enough to need a direct allocation seem to be under represented with ARIN. I do not fault ARIN with this, it's a result of us as a group not getting involved. As a result, I decided to get involved after the nudging of several of our clients.

Biography:

none



Mark Johnson *

Motivation to Serve:

It is important for providers to actively participate in the governance of the Internet. I would like to help the research and education community take a more active role in ARIN, collaborating with the commercial sector to provide responsible stewardship for Internet number resources.

Biography:

MCNC 1996-Present Vice President for Operations and Infrastructure and Chief Technology Officer 2008-Present • Responsible for operations, engineering, development, and technical direction for The North Carolina Research and Education Network (NCREN).
o Responsible for coordination with MCNC Advisory Council on overall technical direction for the organization.
o Led development of MCNC strategic planning process • Led technical architecture of NCREN through a thousand-fold increase in capacity and transition from a research project to highly available, critical infrastructure service for education • Developed and co-lead a multi-institutional team with Indiana University and the University of Maryland to support the Internet2 Hybrid Optical and Packet Infrastructure (HOPI) project. • Developed concept for, proposed and was selected to operate the NLR Experiments Support Services Team • Led a multi-institutional team including NCSU, Duke, UNC-CH, MCNC, and Cisco) to implement the first Internet2 gigapop. 1992-1996 North Carolina State Government State Information Processing Services (SIPS) Technologist • Developed technical strategy, architecture, and pricing for broadband data service offerings in collaboration with commercial service providers • Developed the first NC State Government web presence Related Activities Past Chairman of the Board, TheQuilt, Inc overseeing transition to independent 501c3 organization Member Internet2 Applications Middleware and Services Advisory Council Member IEEE

Ed Kern

Motivation to Serve:

Mindful stewardship of how IP resources are allocated is an important role. With an operator background and now being in the position to spend time with both operators and routing protocol researchers I thought I could add value to the AC. Guiding ARIN to avoid scope creep and defocusing ARIN from its primary role.

Biography:

Currently in the Office of the CTO at Cisco Systems supporting high end routing Networker at Cogent 2001 Networker at DIGEX (The web hoster) 99-2000 Networker at Intermedia Corp 97-99 Networker at Digital Express Group (DIGEX) 93-97



Chris Morrow

Motivation to Serve:

I would like to help shape number resource allocation policies and procedures. I would like to keep an operational eye on these, and help to provide an operators direction to them as well. I would like to see some structure and direction provided to the Routing System Security discussion.

Biography:

1999 to 2007 - UUNET/MCI/VerizonBusiness Various positions including: o Network Engineer o Security Engineer o Manager of Network/Security Engineers o Consulting Engineer Most day-to-day work was related to internet wide security issues, or specific customer issues on the UUNET network. 2007 to Present - Google, Inc. - Staff Network Security Engineer Responsible for security and policies for the Google production network. Additionally, our group is picking up responsibilities for RIR interactions as well.

Bill Sandiford

Motivation to Serve:

I want to serve on the AC in order to provide representation for small to medium sized organizations. In addition I am hoping to add geographical diversity to the AC. Organizations which I represent have operations in Canada, Jamaica, and the United States as well as Trinidad and Tobago from the LACNIC region.

Biography:

I am the CTO of Telnet Communications, a growing CLEC and ISP operating in the Greater Toronto Area of Canada. I have over 14 years of experience in the ISP and telecommunications business with expertise not only in technology but also regulatory and business processes. In my current role, responsibilities include the design, deployment, and operation of all aspects of Telnet's network and overseeing Telnet's application development and professional services departments. I also have group governance experience as a member of the board of the Toronto Internet Exchange and as Vice President of the Whitby Dunlops Senior AAA Hockey Club. In addition, I was recently elected to the MetaSwitch User's Board which liaises between all MetaSwitch customers worldwide and MetaSwitch's engineering department and executives. I have spent my entire career working for Telnet Communications since I co-founded the company in 1995 after attending Laurentian University in Sudbury, Canada. Outside of work I enjoy hockey, rugby, scuba diving, and piloting my Cessna aircraft to exotic destinations around North America and the Caribbean.

Christopher Savage

Motivation to Serve:

For more than a decade, I have been involved in matters affecting Internet access. This has mainly been from the "retail" side (dial-up, DSL, cable/DOCSIS, etc.). I have some experience with IP numbering and addressing questions, working with entities needing to obtain or transfer blocks of IPv4 addresses. I was very actively involved in the IETF community discussion leading to RFC 2804. Over that time, the Internet has gone from mainly a research network to an integral part of the world's social, economic and political fabric. As a result, highly technical matters that might once have been purely engineering issues have acquired real public policy significance. This includes both the looming issue of IPv4 address exhaust, as well as other issues such as how to allocate IPv6 space and the competitive and social implications of different choices. As noted below, I bring decades of public policy experience in the communications sector to the table, and my objective would be to apply that experience to assist the Internet community in making the transition from IPv4 to whatever combination of conversion to IPv6, IPv4 address conservation measures, and other alternatives that will best allow the continued growth and improved functionality of the public Internet.

Biography:

I am a telecommunications lawyer. My basic background is as follows:

Employment: 2007-present: Partner - Davis Wright Tremaine LLP (Washington DC) 1993-2007: Partner - Cole, Raywid & Braverman LLP (Washington DC) 1985-1993: Attorney/Senior Attorney - Bell Atlantic Network Services Inc. (Washington D.C.) 1980-1985: Associate Attorney - O'Melveny & Myers (Los Angeles & Washington DC)
Education: Harvard Law School (J.D. cum laude 1980) Harvard College (B.A. magna cum laude, 1977)
(Economics & Sociology) I am a longtime contributor to the CYBERTEL and (now defunct) CYBERIA listservs, and an occasional contributor to Dave Farber's IP list. I was actively involved in the debate leading to the promulgation of RFC 2804 regarding wiretapping the Internet. I have a great deal of experience in the business and regulatory issues surrounding interfaces between the Internet and the PSTN, including arrangements for handling consumer dial-up access to ISPs, VoIP, and application of CALEA (assistance for lawful surveillance) to cable networks. I had a CompuServe account back in the mid-1980s.

Heather Schiller

Motivation to Serve:

I would like to continue my role as an AC member to help develop rational, clear, and concise addressing policy.

Biography:

- ARIN Advisory Council, 2007-2009
- Sr Network Engineer –
UUnet/Verizonbusiness, 2000-Present



Rob Seastrom

Motivation to Serve:

I want to continue what I've been promoting for the past six years on the AC - good policy that serves the constituency and advances deployment of IPv6 as a solution for the IPv4 address space exhaustion problem. In a larger sense this is giving back to the community where I have made my living for the past two decades.

Biography:

I have worked for a continental scale ISP, a small consumer ISP, a consultancy, and a CDN. I have been a co-founder and president of a small cooperative ISP.. Since April 2009, working as an engineer for Afilias, a GTLD/CCTLD operator. For the year and a half before that, I was Chief Network Architect for a startup that proposed to build fiber to the home and was an enthusiastic proponent of IPv6 when dealing with fiber gear, electrical power meters, and other ancillary equipment which was to be connected to this network. In other industry-related activities, I served on the NANOG Mailing List Committee for over two years, and am currently on the NANOG Steering Committee.

Scott Weeks *

Motivation to Serve:

I would like to give back to the community from which I have received so much. I have no affiliations or other interests that would cause me to have a planned agenda. I would enter open minded, impartial and willing to listen to all points of view equally.

Biography:

I am currently a senior network engineer for Hawaiian Telcom where, among many other things, I am solely responsible for all BGP design, implementation and operation as well as all IP address decisions for the company. Previously, as Lead Network Administrator for the University of San Diego I was responsible for the overall operation of the computer network. My professional entry into IP networking was in the early part of 1997 with a startup called Digital Island. I was the 24th person hired and within five years of that date more that 1400 folks were with the company. The dramatic growth of the network from two routers in Honolulu to a global, cold-potato-routing content network gave me a wide understanding and hands-on experience with many aspects of networking.

Tom Zeller

Motivation to Serve:

I see AC membership as a public service opportunity. My goal is to provide a calm, professional, open-minded participation in policy considerations.

Biography:

I was the original architect of WiFi deployment at Indiana University and have continued as a team member in designing the changes to the technological and security architecture since then. I was the team leader that introduced large-scale firewalls into the university datacenter. I am a member of the Educause Converged Communication Working Group's Steering Committee. I have made presentations to Internet2 Joint Techs (on securing early versions of WiFi), ACUTA (on IU's recent 4000-node wireless deployment), Burton Group Catalyst convention (on strategic planning for mobility). I was invited to moderate a session on campus infrastructure for mobility by Abilene Christian University's mobility conference. I have in the past held certifications from Novell (Netware), Microsoft, and Cisco.

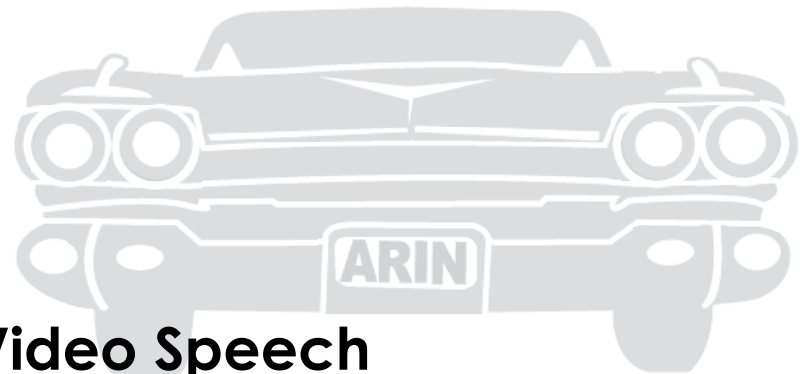
Board of Trustees

2009 Candidates



Board of Trustees Candidates

- Paul Andersen
- Scott Bradner
- Lee Howard
- Aaron Hughes
- Frederick Silny * (V)



* = Not in attendance

(V) = Video Speech

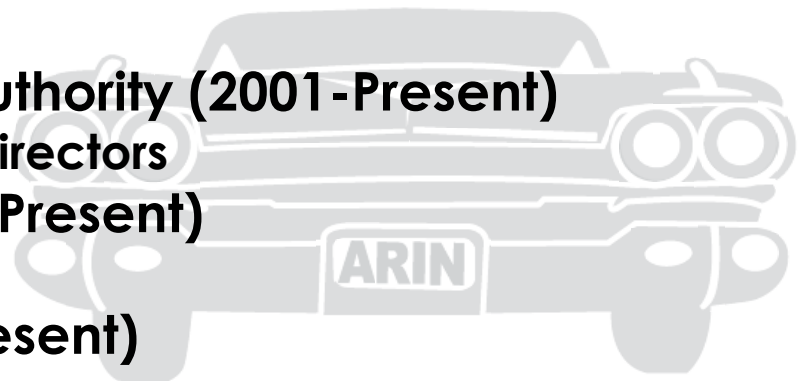
Paul Andersen

Motivation to Serve:

I believe the ARIN Board of Trustees would benefit from a broader geographical representation along with those representing smaller organizations which make up a significant portion of the Internet community.

Biography:

- **EGATE NETWORKS (1996 – Present)**
 - Founder
 - Regional ISP in Ontario
- **Canadian Internet Registration Authority (2001-Present)**
 - Currently Chair of the Board of Directors
- **Toronto Internet Exchange (2006-Present)**
 - Currently President
- **ARIN Advisory Council (2004 – Present)**



Scott Bradner

Motivation to Serve:

I was a founding board member of ARIN and would like to continue on the board in order to ensure that someone that "was there" is watching out for ARIN's underlying principles.

Biography:

Scott Bradner has been involved in the design, operation and use of data networks at Harvard University since the early days of the ARPANET. Mr. Bradner currently serves as the University Technology Security Officer in the Harvard University Office of the CIO. He tries to help the University community deal with technology-related privacy and security requirements and issues. He also provides technical advice and guidance on issues relating to the Harvard data networks and new technologies to Harvard's CIO. Mr. Bradner is an elected trustee of the American Registry of Internet Numbers (ARIN) and is the Secretary to the Board of Trustees for the Internet Society. He served as Area Director for a number of IETF areas and was a member of the IETF's Internet Engineering Steering Group (IESG) from 1993 to 2003.

Lee Howard

Motivation to Serve:

My Board membership brings stability to the Board, continuing seven years of service. I believe that stability and predictability will be especially important over the next few years.

Biography:

I have worked at large ISPs, small ISPs, application hosting, and end user organizations, in engineering, project management, and managerial roles. Member of PMI, SCTE, participant in ARIN, CableLabs and IETF, especially on IPv6 and home gateway work. I was on the ASO AC (a.k.a. NRO NC) for a year, and have been to several other RIR meetings.

Aaron Hughes

Motivation to Serve:

Over the next three years, the Internet as a whole will be making crucial transitions which require well experienced guidance with little room for error. I expect there will be cases of non-majority decisions that will have to be made primarily related to v4 exhaustion and financial impact. I will contribute to the team that keeps the community and Global Internet on the best path during this critical phase of Internet growth and change.

Biography:

Aaron Hughes is a Senior technology leader with 15+ years of experience, President and CTO at 6connect, Inc., Chief Network Architect at UnitedLayer, former VP of Operations at UnitedLayer, former Sr. VP at Terremark Federal, former Senior Engineer at Lockheed Martin on TMOS/TSAT project for IPv6 space based network (contract via Cariden Technologies), previous management positions at YellowBrix, RCN, and many others, frequent contributor to network/peering community (ARIN, NANOG, RIPE, GPF, etc.). Member of Telx IX Advisory Board.

Frederick Silny * (V)

Motivation to Serve:

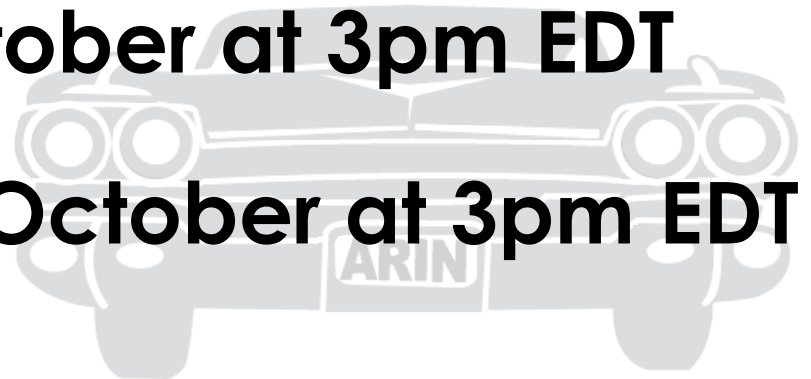
I have been informed that ARIN is looking for a Board member with financial and governance experience. My experience over more than 25 years includes being the chief financial officer and corporate secretary at both public and private companies. Although I do not have a technical background in the Internet IP world, I am willing to learn. Most importantly, I wish to use my financial and related expertise to assist the Board of Trustees and ARIN generally in any way that I possibly can.

Biography:

- Experienced in financial matters and corporate governance
- CFO and corporate secretary at public and private companies
- Board member of private companies and non-profit organizations
- Worked for PricewaterhouseCoopers, Nestle, Carnation Company, Litton Industries, IHOP Corp., CarsDirect.com, Guess?, Inc . and Charlotte Russe

Voting

- **One vote per General Member in good standing (ORG ID), cast by its designated member representative**
- **Vote for 3 Board and 5 AC Candidates**
- **Opens today, 21 October at 3pm EDT**
- **Closes Saturday, 31 October at 3pm EDT**



Thank You!

