

INTERNET<sup>2</sup>  
2017 **global**  
SUMMIT

**Trust and Identity - Governance and Sustainability**

**Klara Jelinkova - Vice President and CIO, Rice University**  
**John O’Keefe - Vice President and CIO, Lafayette College**  
**Kevin M. Morooney - Vice President, Trust and Identity, Internet2**



## What we'll cover

- Community governance and advisory changes
- Sustainability - InCommon and TIER

## Community governance and advisory changes

- Program Advisory Group development
- Community Architecture Committee for Trust and Identity
- How it all fits together - for now

## Program Advisory Group development

- InCommon Steering Committee
- TIER Community Investor Council

## InCommon Steering Committee

**Dee Childs**, Texas A&M University (2019)

**Dennis Cromwell**, Indiana University, *Secretary* (2019)

**Michael Gettes**, University of Florida (2018)

**Ted Hanss**, University of Michigan, *Vice Chair* (2018)

**Klara Jelinkova**, Rice University (2018)

**Michele Norin**, Rutgers University (2017)

**Sean Reynolds**, Northwestern University, *Chair* (2019)

**Marty Ringle**, Reed College (2019)

**Celeste Schwartz**, Montgomery County Community College (2018)

**Pankaj Shah**, Texas LEARN (2017)

**Dave Vernon**, Cornell University (2019)

**Ann West**, Internet2

**Melissa Woo**, Stony Brook University (2019)

### Advisors

**Mark Scheible**, MCNC and Chair, InCommon Technical Advisory Committee

**Chris Holmes**, Baylor University, Policy and Legal Advisor

**Brett Bieber**, University of Nebraska-Lincoln, InCommon Assurance Advisory Committee

**Von Welch**, Indiana University Center for Applied Cybersecurity Research, representing research community

## TIER Community Investor Council

- Klara Jelinkova, Rice University (Chair)
- Dennis Cromwell, Indiana University
- Eric Denna, University of Maryland
- Tracy Futhey, Duke University
- Ron Kraemer, University of Notre Dame
- John O'Keefe, Lafayette College
- Kelli Trosvig, University of Michigan
- Tom Barton, University of Chicago

## TIER Investors

Arizona State University  
Baylor University  
Boston University  
CALTECH (California Institute of Technology)  
Carnegie Mellon University  
Case Western Reserve University  
Clemson University  
Cornell University  
Duke University  
Harvard University  
Indiana University  
Lafayette College  
Louisiana State University  
MIT (Massachusetts Institute of Technology)  
New York University  
Northwestern University  
Ohio State University, The  
Old Dominion University  
Oregon State University  
Penn State (The Pennsylvania State University)  
Purdue University - Main Campus  
Rice University  
Stanford University  
Tulane University  
University of Arizona

University of California - Berkeley  
University of California - Merced  
University of Chicago  
University of Florida  
University of Hawaii - Manoa  
University of Illinois - Urbana-Champaign  
University of Iowa  
University of Maryland - Baltimore County  
University of Maryland - College Park  
University of Miami  
University of Michigan - Ann Arbor  
University of Missouri - Columbia  
University of Nebraska - Lincoln  
University of North Carolina - Chapel Hill  
University of Notre Dame  
University of Oregon  
University of Pittsburgh - Pittsburgh Campus  
University of Utah  
University of Virginia  
University of Washington  
University of Wisconsin - Madison  
Virginia Polytechnic Institute and State University  
Yale University  
Washington University in Saint Louis



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## Program Advisory Group for Trust and Identity

- InCommon Steering Committee
  - Four representatives: Chair, Vice Chair, two at-large
- TIER Community Investor Council
  - Four representatives
- Regional network representative
- CACTI chair



## Program Advisory Group for Trust and Identity

- Will need to identify representatives for
  - Research
  - Commercial Service Provider
  - International
  - Other?

## Trust and Identity Program Advisory Group (PAG)

- Tom Barton, University of Chicago (CACTI representative until CACTI Chair is elected)
- Ted Hanss, University of Michigan Medical School
- Klara Jelinkova, Rice University (Chair)
- Mark Johnson, MCNC
- Ron Kraemer, Notre Dame University
- Michele Norin, Rutgers University
- John O'Keefe, Lafayette College
- Sean Reynolds, Northwestern University
- Kelli Trosvig, University of Michigan

## Community Architecture Committee for Trust and Identity

- Middleware Architecture Committee for Education - MACE
- TIER Ad-hoc Advisory Committee
- Charter developed after a period of community consultation
- Nominations slate finalized a few weeks ago
- A final roster came was formed just last week
- A chair will be elected by the group as soon as manageable

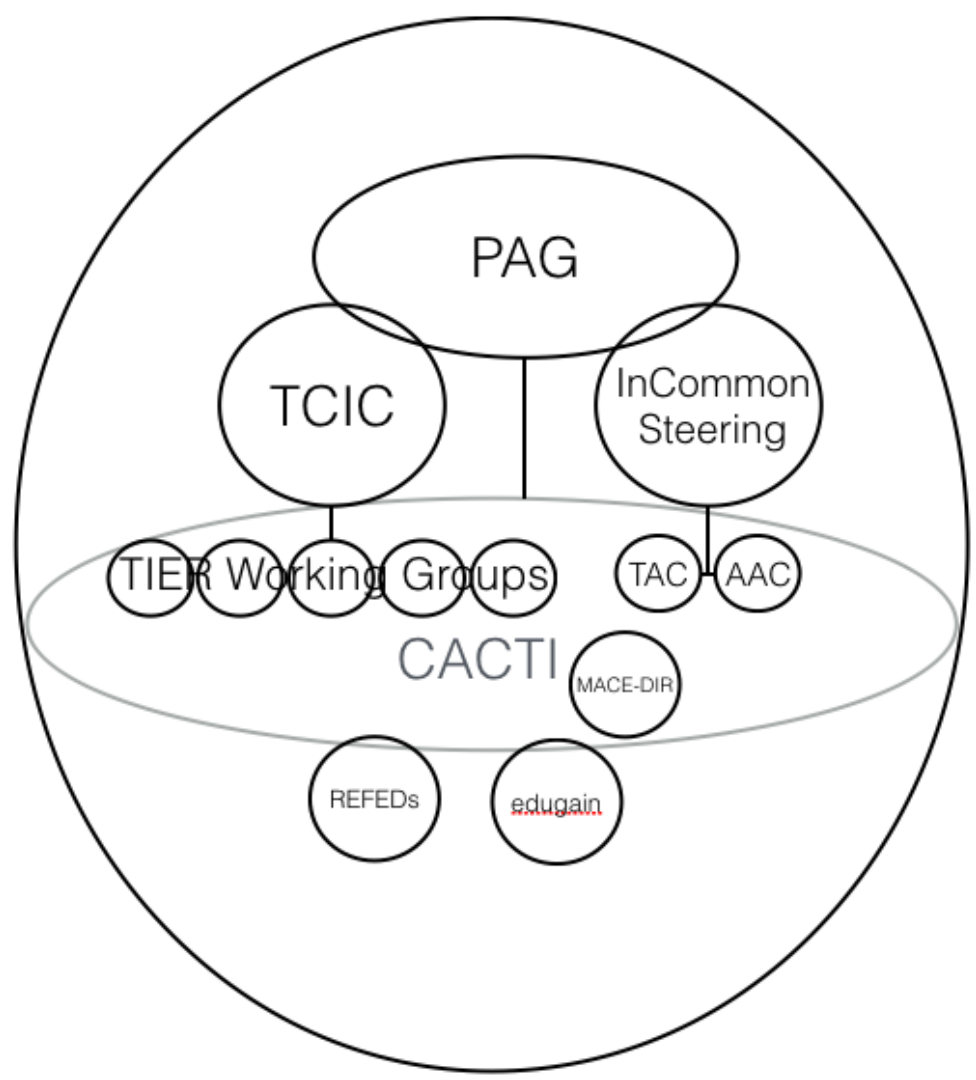
## Community Architecture Committee for Trust and Identity

- From the charter:
  1. Provide strategic architectural input to Internet2's VP for T&I and to Internet2's T&I related projects and activities in support of Internet2's T&I vision.
  2. Create and manage community working groups as needed in support of T&I goals, directions, projects and activities, both time boxed and on-going.
  3. Manage and evolve community standards for Internet2 T&I, e.g., schema, API contracts, MACE registry, etc., and the processes by which working groups operate and T&I documents are published. Coordinate and participate with external bodies in establishing such community standards. This body officially approves and adopts such standards and processes for Internet2 T&I.
  4. Foster relationships and participate with other national and international T&I activities sufficiently to maintain visibility into developments and trends that are important to R&E and to promote/advocate a coordinated approach to their implementation.
  5. Broadly share information of relevance with the R&E community about current activities in trust, identity and associated middleware across sectors: R&E, government, corporate, etc.
  6. Maintain public and timely proceedings of the group's activities and of the working groups it engenders.
  7. Engage as appropriate to help achieve education and outreach objectives for Internet2 T&I projects and activities.

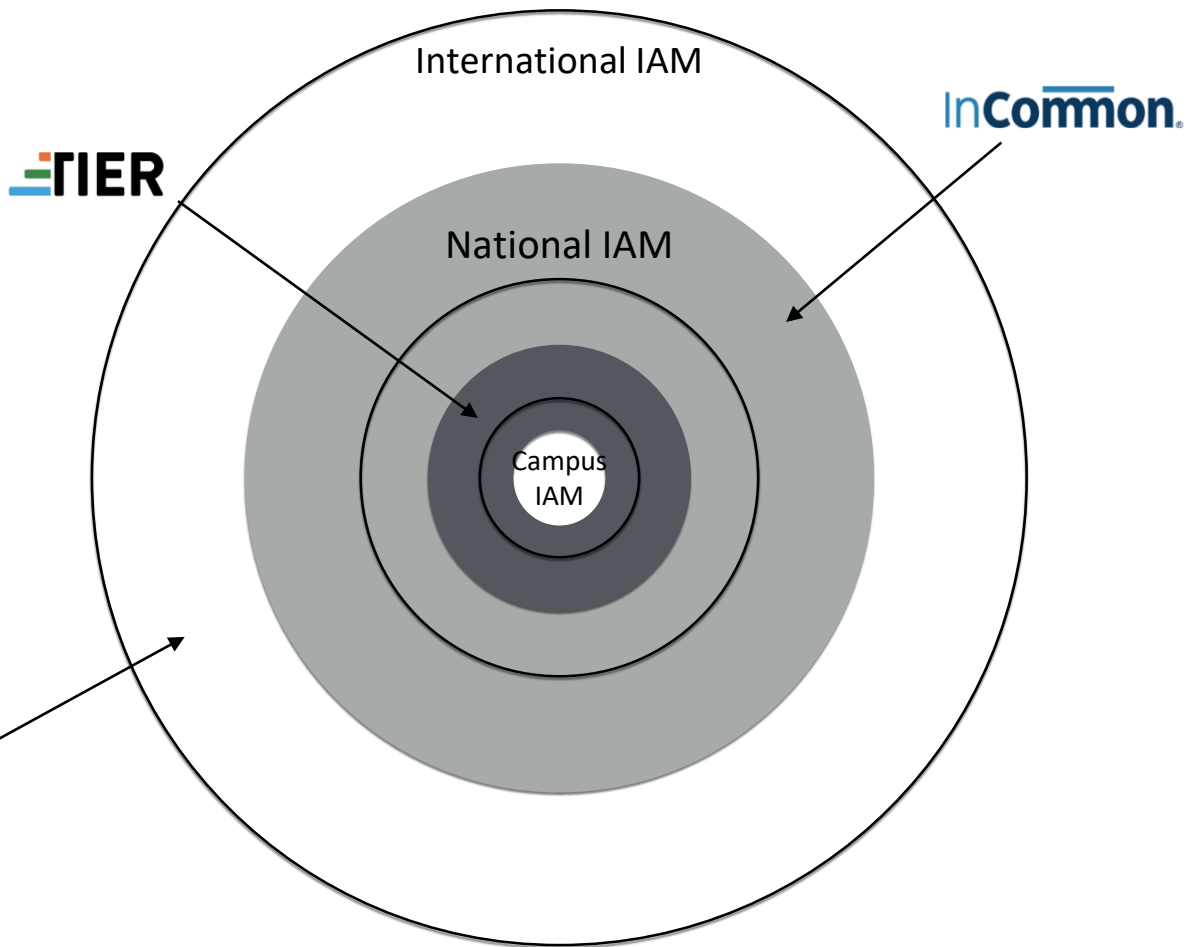
## Community Architecture Committee for Trust and Identity

Member	Title	Institution
Warren Anderson	Scientist	University of Wisconsin-Milwaukee/LIGO
Tom Barton	Senior Director for IT Architecture, Integration, and Security, and CISO	University of Chicago
Rob Carter	Identity Management Architect	Duke University
Nathan Dors	Assistant Director, Identity and Access Management	University of Washington
Jill Gemmill	CTO-Middleware and Research Professor	Clemson University
Ann Harding	Project Manager	SWITCH
Karen Herrington	Directory, Identity Management Services	Virginia Polytechnic Institute and State University
Todd Higgins	Server Systems Administrator, Identity and Access Management	Franklin & Marshall College
Tom Jordan	Identity and Access Management Technologist	University of Wisconsin-Madison
Christos Kanellopoulos	Project and Product Manager	GRNET
Les LaCroix	Strategic Technologist	Carleton College
Chris Phillips	Technology Architect, Canadian Access Federation	CANARIE

# How it all fits together



# InCommon and TIER





## InCommon and TIER - Sustainability

- May 2016 - Trust and Identity “Deep Dive” with community leaders
- May 2016 - Charged by InCommon Steering and TCIC to develop sustainability paths forward for InCommon and TIER
- June 2016 - TIER “Paths Forward” retreat with community leaders
- July 2016 - InCommon “Paths Forward” retreat with community leaders
- August 2016 - Consolidated “Paths Forward” insights shared with InCommon Steering and TCIC
- September-October 2016 - InCommon Steering accelerates and deepens conversations about closing InCommon operational gaps, decides to increase InCommon participation fees for 2017

## InCommon and TIER - Sustainability

- Where we are now
  - InCommon operational gaps, service scope, security need further scrutiny
  - TIER program about half way through investor resources
  - Shibboleth Consortium
  - Starting the PAG interaction to design the conversations necessary for developing and vetting potential new business, financial models

# Q&A