



# TAGPMA Update

Derek Simmel [dsimmel@psc.edu](mailto:dsimmel@psc.edu), TAGPMA Chair

51<sup>st</sup> EUGridPMA Meeting  
February 10, 2021



# TAGPMA Leadership

- Chairs:      Derek Simmel [dsimmel@psc.edu](mailto:dsimmel@psc.edu) (PSC, U.S.A.)  
                 Paula Venosa [pvenosa@info.unlp.edu.ar](mailto:pvenosa@info.unlp.edu.ar) (UNLP, Argentina)
- Vice-chair:    Ale Stolk [alestolk@gmail.com](mailto:alestolk@gmail.com) (ULAGrid, Venezuela)
- Secretary:     Jeny Teheran, [jteheran@fnal.gov](mailto:jteheran@fnal.gov) (Fermilab, U.S.A.)
- Web Master:   Scott Sakai [ssakai@sdsc.edu](mailto:ssakai@sdsc.edu) (SDSC, U.S.A.)



# TAGPMA Members

Organization	Country	Representative	Member Type
FNAL	U.S.A.	Jeny Teheran	Relying Party
OGF	U.S.A.	Alan Sill	Relying Party
OSG	U.S.A.	Mike Stanfield	Relying Party
REBCA	U.S.A.	Scott Rea	Relying Party
SDSC	U.S.A.	Scott Sakai	Relying Party
UFF	Brazil	Vinod Rebello	Relying Party
ULAGrid	Venezuela	Ale Stolk	Relying Party
UNIANDES	Colombia	Andres Holguin	Relying Party
WLCG	Switzerland	David Kelsey	Relying Party
XSEDE	U.S.A.	Derek Simmel	Relying Party
DigiCert	U.S.A.	Tomofumi Okubo	Authentication Provider
GridCanada	Canada	Lixin Liu	Authentication Provider
IBDS ANSP	Brazil	Angelo de Souza Santos	Authentication Provider
InCommon	U.S.A.	Jim Basney	Authentication Provider
NCSA	U.S.A.	Jim Basney	Authentication Provider
NERSC	U.S.A.	Jeff Porter	Authentication Provider
PSC	U.S.A.	Derek Simmel	Authentication Provider
REUNA	Chile	Alejandro Lara	Authentication Provider
UNAM	Mexico	Jhonatan Lopez	Authentication Provider
UNLP	Argentina	Paula Venosa	Authentication Provider



# TAGPMA Members

- **20** Members (10 APs, 10 RPs) from the North, Central and South American countries + Switzerland
  - Including Argentina, Brazil, Canada, Chile, Colombia, Mexico, U.S.A and Venezuela, + WLCG (RP) in Switzerland
- **18** IGTF-Accredited CAs (as of distribution v.1.109, January 2020)
  - 13 Classic CAs
    - Argentina: UNLPGrid
    - Brazil: ANSPGrid
    - Canada: GridCanada
    - Chile: REUNA
    - Mexico: UNAM (2)
    - U.S.A.: DigiCert(6), InCommon (IGTF Server CA)
  - **3** Short Lived Credential Service (SLCS) CAs
    - U.S.A.: NCSA SLCS-2013, PSC MyProxy CA
    - **NERSC (plans to retire their SLCS CA – still up as of today).**
  - 1 Member-Integrated Credential Service (MICS) CA
    - U.S.A.: NCSA (CILogon-Silver)
  - 1 Identifier-Only Trust Assurance (IOTA) CA
    - U.S.A.: NCSA (CILogon-Basic)



# TAGPMA Communications

- TAGPMA Website: <http://www.tagpma.org>
  - Public information and documents
  - Still hosted on Google Sites – migration to GitHub stalled
- Mailing lists:
  - tagpma-general – subscribe by joining the tagpma-general Google Group
  - tagpma-private – members-only mailing list currently maintained at PSC
- TAGPMA Slack Channel
  - Join group **[tagpma.slack.com](https://tagpma.slack.com)**
- E-mail any suggestions or issues directly to the Chair ([dsimmel@psc.edu](mailto:dsimmel@psc.edu))



# TAGPMA Conference Calls

- Monthly conference calls:
  - Currently scheduled on the 2<sup>nd</sup> Tuesday of every Month\*
  - Spanish language call TBD\*
  - English language call begins at 1:00pm (U.S. EST, currently UTC -5:00)
  - Zoom link
    - <https://cmu.zoom.us/j/598670138> **Send e-mail to Chair for passcode**
- All IGTF members and prospective TAGPMA members are welcome to attend and participate in TAGPMA meetings!
  - Contact the Chair ([dsimmel@psc.edu](mailto:dsimmel@psc.edu)) for current call times and coordinates



# TAGPMA Face-to-Face Meetings

- 28<sup>th</sup> TAGPMA F2F Meeting @ Internet2 Technology Exchange
  - December 13, 2019, New Orleans, Louisiana, U.S.A.
- TAGPMA Officers Meeting – Focus on TAGPMA website
  - March 11-12, 2020, San Diego, CA, U.S.A.
- No TAGPMA F2F meetings planned until after COVID-19
  - All meetings and workshops online via Zoom until further notice.
- IGTF All-Hands Meeting – no plans yet



# Workshop on Token-Based Authentication and Authorization (WoTBAN&AZ 2020)

- November 30 – December 1, 2020
- Agenda, slides and video available at <https://indico.rnp.br/event/33/>
- Sessions:
  - Token Based Authorisation for WLCG
  - Globus Auth: expanding the services ecosystem for protected data
  - LIGO's use of SciTokens
  - XSEDE's Perspective on Token Assurance for Authentication and Authorization
  - Fermilab's experience transitioning to token-based AAI technologies
  - Final Panel: What Have We Learned? What Do We Need? What Should We Do?





# Workshop on Token-Based Authentication and Authorization (WoTBAN&AZ 2020)

- Observations:
  - Each project investing in token-based A&A infrastructure is building it to provide new functionality while maintaining continuity with established local A&A infrastructure
  - Each project is engaged independently in developing its own implementation that addresses the needs of its local/project constituency
  - Interoperability between implementations is desirable
  - Globus is working on JSON Web Token interfaces – expected this year (2021)
  - The weight of trust now lies with the token issuers
    - We need policies and standards for secure operation of token service infrastructure
    - IGTF should develop an accreditation framework for token issuers
    - Services relying on token-based A&A must enforce their policy expectations (e.g., MFA)



# Workshop on Token-Based Authentication and Authorization (WoTBAN&AZ 2020)

- Needs:
  - Use cases to drive development of interoperable solutions
    - Consuming multiple tokens from different issuers
    - Common Identity attributes
    - VOs of different scale
  - Common best practices for token handling
    - for issuers, developers, service operators and users
  - Addressing Security concerns, e.g.:
    - Hybrid/concurrent implementations during transition from GSI to token-based AuthN & AuthZ
    - Trust in token issuers (independence? authority? auditing?...)
    - Responsibility for vetting Identity Providers
    - Revocation of authorization
    - Refresh token security
    - Incident prevention, and preparation for incident handling and recovery



# Workshop on Token-Based Authentication and Authorization (WoTBAN&AZ Spring 2021)

- Planning for the next workshop:
  - Use cases development / exercises
  - Building blocks for a token-issuer accreditation process
  - Token lifecycle management
  - Best practices
  - Security roles, policies, procedures and tools
  - Other ideas?
- Logistics
  - Late March or April 2021 time frame
  - Two half-days 9:00am-12:00noon EDT (UTC -4:00)
  - Online via Zoom