

Symposium on Authentication Technologies; Roundtable on Cloud and Grid Security Standards; 5th Anniversary IGTF Meeting and 12th TAGPMA Face-to-Face Meeting

4-7 October 2010

Texas Tech University

The **Symposium on Authentication Technologies for Research and Education** will be held Monday, Oct. 4 on the campus of Texas Tech University. The Symposium and its included **Roundtable on Cloud and Grid Security Standards** are co-sponsored by the **International Grid Trust Federation** and the **Open Grid Forum**.

The symposium will be focused on working solutions in campus security infrastructures that can contribute to solutions for simple but effective provision of strong authentication in research, educational, government and industrial settings. Submissions are invited from members of the identity management and distributed computing security communities.

Talks will be open to the public. Participants will be given adequate time to explain and expand on their idea or project. The audience will include participants familiar with this problem and knowledgeable about working solutions in concept or in practice that have a track record or substantial promise for near-term deployment progress. We expect active feedback from projects that have deployed some of these solutions in large-scale distributed computing settings.

The associated **Roundtable on Cloud and Grid Security Standards** will focus on authentication, authorization and access for emerging technology in applications that need high security, especially in ways that impact the academic and research communities and that bridge the gap between these and commercial activities. These sessions will also be open to the public.

The **Symposium and Roundtable** will be held on the main campus of **Texas Tech University**.

The above events will be followed Oct. 5-7 by the 5th Anniversary commemoration of the **International Grid Trust Federation (IGTF)** and **The Americas Grid Policy Management Authority (TAGPMA)**. TAGPMA is the branch of the IGTF responsible for accreditation of grid authentication systems and authorities in North, South and Central America, and was formed along with the IGTF in October 2005.

The TAGPMA/IGTF 5th anniversary celebration will be held at the **International Cultural Center** on the grounds of **Texas Tech University**, near the **TTU Museum** and **National Ranching Heritage Center**. This top-notch facility will provide an appropriate setting to recognize and commemorate the value to international research provided by TAGPMA and the other member authorities of the IGTF since its initial formation.

A block of rooms at a special conference rate is available at each of two locations below. **PLEASE BOOK AS SOON AS POSSIBLE, PREFERABLY BY EARLY SEPTEMBER, TO ENSURE THESE RATES!**

Overton Hotel – Held until September 4th:
2322 Mac Davis Lane, Lubbock, TX 79401 USA, 1-888-776-7001
Rooms are booked under: Symposium on Strong Authentication Technologies IGTF October 4-7
Rate \$109 Standard King or Standard 2 Queens

Staybridge Suites – Lubbock - Held until September 20th:
2525-19th Street, Lubbock, TX 79410 USA, 1-877-834-3613
Rooms are booked under: TAGPMA-IGTF Symposium – October 4-7
Rates: Queen Suite \$85.00 King Suite \$105

For further information, contact:
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Conference web site: <http://indico.rnp.br/conferenceDisplay.py?confId=85>

Organized by **The Americas Grid Policy Management Authority**, a branch of the **International Grid Trust Federation (IGTF)**, and the **Open Grid Forum**.

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Conference Program

The program for this multi-day event will begin with a one-day public symposium on research, development, deployment and peering of authentication technologies in a broad range of settings associated with research and education. Talks and papers from a variety of experts in these areas are recruited, and contributions related to these topics are invited for consideration by the program committee.

The symposium and roundtable will take place Monday, Oct. 4 on the main campus of Texas Tech University. Talks are invited by relevant industry representatives and experts, and will be open both to meeting participants and to the public.

The IGTF/TAGPMA portion of the program continues Tues. Oct. 5 through mid-day Thurs. Oct. 7. This portion of the program will consist of review talks reports, and member organization updates to commemorate the 5th anniversary of the formation of the International Grid Trust Federation and the corresponding formation of The Americas Grid Policy Management Authority as its final global member organization. This portion of the program will take place at the International Cultural Center near the TTU Museum and is intended for TAGPMA and IGTF members.

Participants in both the Symposium and in the IGTF/TAGPMA meetings are jointly invited to a reception on Monday evening in the Hall of Nations at the International Cultural Center. There will also be a conference dinner Wednesday evening for the IGTF/TAGPMA participants.

The following session tracks have been defined. The tracks on Monday, Oct. 4 comprise the Symposium and Roundtable and are open to the public. The sessions on Tuesday through Thursday are for the subsequent IGTF and TAGPMA meetings.

Monday Oct. 4: Symposium and Roundtable

Large-Scale Deployment of Authentication Technologies in Research and Education

One of the most challenging aspects related to the deployment of robust technologies for authentication in educational and research settings is the maintenance of sufficiently strong security at scale. Lessons learned from existing efforts to implement strong authentication in large-scale settings, including disparate communities, will be covered in this session.

Partnering and Peering Among Trust Federations

This session will cover collaborative, joint, coordinated, or inter-operations work between and among trust federations for the exchange of authentication information, as well as invited and contributed reports from associated organizations working in partnering and peering efforts.

Interactions between Research, Education and Industry

Industrial applications of high-strength security in interactions within and among the academic sector will be explored. Specific examples of application of strong authentication to these interactions are to be covered in this session, along with application of commercially available techniques in academic and R&D settings. Topics related to authentication for the use of commodity bulk computing can be covered here.

Roundtable on Cloud and Grid Security Standards

Experts from the cloud and grid security fields will be called on to give their views of current standards, best practices, and needs for future standards development in cloud and grid security. Current working groups and available documents and products in the standards area will be reviewed.

Tuesday Oct. 5 - Thursday Oct. 7: IGTF/TAGPMA Face-to-Face Meeting

History and Future of the International Grid Trust Federation

Session devoted to cataloguing the history, accomplishments, and forward-looking future challenges of the IGTF as an agent promoting and ensuring authentication for research, grid computing, software development and education.

IGTF Member Organization Reports

Reports from each of the member policy management authorities that make up the International Grid Trust Federation in The Americas, the European Union and countries in its collective time zone regions, and the Asia-Pacific geographic region.

TAGPMA Business Track

Updates from certificate authority providers, reviews of individual CAs, process comments and general working business of The Americas Grid Policy Management Authority.

Meeting Summary and Proposals for the Future

Conveners of each track in the Symposium are invited to prepare a summary presentation for inclusion in the final session of the IGTF/TAGPMA meeting to set out future steps that can be pursued to improve the state of research, education, industrial and government authentication and the overlap and connections between them.