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http://www.ala.org/magirt/

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**base line** is an official publication of the American Library Association’s Map and Geospatial Information Round Table (MAGIRT). The purpose of base line is to provide current information on cartographic materials, other publications of interest to map and geography librarians, meetings, related governmental activities, and map librarianship. It is a medium of communication for members of MAGIRT and information of interest is welcome. The opinions expressed by contributors are their own and do not necessarily represent those of the American Library Association and MAGIRT. Contributions should be sent to the appropriate editor listed below.

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In preparing to write my last “From the Chair” column, I have been going back over the last year. Serving as your chair has truly been my honor and privilege. If I could pick only one thing from this past year for which I am most proud, it would be the increased number of members that have volunteered to serve on and/or chair committees and task forces and to stand for election to officer positions. Thank you all for helping to move MAGIRT forward!

Conference has always been enjoyable for me, strange as it may seem. I so much enjoy getting to see my MAGIRT friends and make new ones. I love putting faces with names of folks that I have corresponded with throughout the year. If you will be attending Annual in Orlando, I look forward to seeing you at one or more of our meetings and events. A full list is elsewhere in this issue. If you aren’t able to join us, I hope that you will consider volunteering for any of our committees. Remember that you don’t need to attend conferences in person to participate in MAGIRT!

If you are attending Annual, I would particularly like to invite you to the Executive Board and Membership Meeting on Sunday, June 26 from 3:00pm-5:30pm. This is an opportunity to learn more about what MAGIRT does and how you can get involved. Our Emerging Leaders team will be giving a brief presentation near the beginning of the meeting about their project, which I am really looking forward to. We will also be sure to have time for questions and comments from the membership.

I would like to thank the members of the MAGIRT Executive Board for their hard work and support this year. I look forward to my next year as Past Chair and doing my best to support our new leaders.
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RDA Toolkit Release, April 12, 2016

A new release of the RDA Toolkit was published on Tuesday, April 12. This message covers several points you should be aware of related to the release.

*Note:* As noted for the February update, the Joint Steering Committee for Development of RDA (JSC) has undergone a name change reflective of the new governance model; the JSC is now known as the RDA Steering Committee (RSC). The website address for the JSC/RSC has changed to [http://www.rda-rsc.org](http://www.rda-rsc.org) but the former address will redirect to this new site.

**TOPIC 1: Changes in RDA Content**

**TOPIC 2: Change in Content in LC-PCC PSs**

**TOPIC 3: Functional Changes in the RDA Toolkit**

**TOPIC 1: Changes in RDA Content**

There are two types of changes in the RDA content for this update: 1) the fifth annual major update to RDA based on the decisions made by the RSC at their November 2015 meeting; and 2) “Fast Track” changes that are relatively minor and typical of a release update.

**Revisions from JSC actions:**

The changes to individual instructions are identifiable by the “revision history” icon in the RDA Toolkit (a dark blue rectangular icon with the date “2016/04”). A complete listing of all changes due to the proposal process is found in the left-side table of contents pane on the RDA tab in the Toolkit, at the bottom under “RDA Update History.”

The document below (LC Summary of 2016 RDA Updates) lists the main changes to RDA due to the RSC update. Changes in this update package due to re-numbering of instructions and references (without a change in actual content), and other minor changes are not included in the listing.

Some noteworthy changes that might be of interests to map catalogers:

**Scope (Statement of Responsibility Relating to Title Proper) (2.4.2.2):**

Reworded to clarify that the order of preference for sources should be followed even if a fuller form of the same statement of responsibility appears on another source (e.g., if the title page
Recording Statements of Responsibility Relating to Title Proper (2.4.2.3):

New paragraph on making notes on variant names and other information relating statement of responsibility (e.g., a note on source of statement of responsibility).

Scope (Fuller Form of Name) (9.5.1.1):

Definition expanded to include fuller forms of nicknames (e.g., William may be recorded as a fuller form for person whose preferred name is recorded as Smith, Bill and it is known the person’s given name is William).

Glossary: new or revised terms including:

printing [new] – A production method consisting of a process that transfers a pictorial or textual image from a master carrier to the surface of another resource, often using a plate, block, stone, or screen coated with a transferable material. Includes the production of photographic prints and paper copies of stored computer data.

stamping [new] – A production method consisting of the application of pressure to make an impression on the surface of a material.

woodcut making [new] – A production method consisting of a relief process in which a design is cut into and printed from the surface of a wood block.

blueline process [revised] – A production method consisting of a contact printing process based on diazonium salt and azo dye chemical reactions that renders all opaque tones or colours as blue on a neutral background.

blueprint process [revised] – A production method consisting of a contact printing process using iron salt chemical reactions that renders all opaque tones or colours as white on a blue background.

engraving [revised] – A production method consisting of the incision of marks on the surface of a hard material using a sharp tool. Includes the preparation of a printing plate for an intaglio process.

fuller form of name [revised] – A name or names associated with a person that includes the fuller form of a part of any name represented only by an initial, abbreviation, or shortened or otherwise modified variant in the form chosen as the preferred name and/or a part of the name not included in the form chosen as the preferred name.

lithography [revised] – A production method consisting of a planographic printing process in which a stone or plate is prepared using a water-repelling substance making parts of the plate receptive to ink.

Photocopying [revised] – A production method consisting of a macroform photoreproduction process using radiant energy in contact with or projected on opaque material.
Fast Track changes:
The PDF file listed below identifies the “Fast Track” changes to RDA that was included in this release (RSC-Sec-2.pdf); Fast Track changes are not added to the RDA Update History. While you are encouraged to peruse the changes, there are no significant changes. Note that RDA Appendix D.1.2 (a summary of ISBD punctuation for bibliographic records) has been removed from the RDA Toolkit and replaced with a link to those instructions in the ISBD consolidated edition.

TOPIC 2: Change in Content in LC-PCC PSs

The link to the summary of LC-PCC PS updates incorporated in this release is found below. Many of the changes to the LC-PCC PSs are related to RDA changes, including the deletion of some policy statements because the content has been incorporated into RDA itself.

TOPIC 3: Functional Changes in the RDA Toolkit

There are two functional changes in the RDA Toolkit that you should be aware of:

a) The “?” was added as an option for wildcard searching. The “*” has been the only wildcard option, but feedback from some users more familiar with the question mark as a wildcard has prompted RSC to allow for both characters to work as a search wildcard.

b) You may notice some changes to the overall default Toolkit display preferences (e.g., how many “policy statement” icon links are displayed with the instructions). You can override any of these changes to the default in your personal profile if you desire.

The next planned release of the RDA Toolkit will be in August 2016.

The documents mentioned in this email are found on the Web:

LC Summary of 2016 RDA Updates:
http://www.loc.gov/aba/rda/added_docs.html

Fast Track entries included in the April 2016 update of the RDA Toolkit:
http://www.rda-rsc.org/sites/all/files/RSC-Sec-2.pdf

Changes in LC-PCC Policy Statements in the April 2016 release of the RDA Toolkit:
http://www.loc.gov/aba/rda/lcps_access.html
# MAGIRT Schedule : ALA Annual Orlando
## June 23-June 26, 2016

## Program Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thursday, June 23</strong></td>
<td>Making Sense of Data through Visualization</td>
<td>Univ. of Central Florida Library</td>
</tr>
<tr>
<td>8:00am-5:00pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Friday, June 24</strong></td>
<td>MAGIRT Honors Award Dinner</td>
<td>Tapa Toro Tapas Bar and Paella Pit – 8441 International Drive (at I-Drive 360)</td>
</tr>
<tr>
<td>5:00pm-8:00pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Saturday, June 25</strong></td>
<td>Education Committee</td>
<td>OCCC - W233</td>
</tr>
<tr>
<td>8:30am-10:00am</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30am-11:30am</td>
<td>Publications Committee Meeting</td>
<td>OCCC - W307A</td>
</tr>
<tr>
<td>1:00pm-2:30pm</td>
<td>Geographic Technologies (GeoTech) Committee and GIS Discussion Group Meeting</td>
<td>OCCC - S330H</td>
</tr>
<tr>
<td>3:00pm-4:00pm</td>
<td>Map Collection Management Discussion Group Meeting</td>
<td>OCCC - S330H</td>
</tr>
<tr>
<td>4:30pm-5:30pm</td>
<td>Membership &amp; Marketing Committee Meeting</td>
<td>HYATT - Bayhill 27</td>
</tr>
<tr>
<td><strong>Sunday, June 26</strong></td>
<td>Cartographic Resources Cataloging Interest Group (ALCTS CaMMS / MAGIRT)</td>
<td>ROS Center - Salon 12</td>
</tr>
<tr>
<td>8:30am-10:00am</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30am-11:30am</td>
<td>Cataloging and Classification Committee (CCC) Meeting</td>
<td>ROS Center - Salon 12</td>
</tr>
<tr>
<td>1:00pm-2:30pm</td>
<td><strong>Program Planning Committee Meeting CANCELLED</strong></td>
<td>ROS Center - Salon 12</td>
</tr>
<tr>
<td>3:00pm-4:00pm</td>
<td>Executive Board and Membership Meeting I</td>
<td>ROS Center - Salon 12</td>
</tr>
<tr>
<td>4:30pm-5:30pm</td>
<td>Executive Board and Membership Meeting II</td>
<td>ROS Center - Salon 12</td>
</tr>
</tbody>
</table>

- HYATT - Hyatt Regency Orlando
- OCCC - Orange County Convention Center
- ROS Centre - Rosen Centre Hotel
Directions to the MAGIRT Honors Award dinner
Orlando on June 24, 2016.
Cocktails 5:00 – 6:00 pm — Dinner and award 6:00 – 8:00 pm

Tapa Toro Tapas Bar and Paella Pit
8441 International Drive (at I-Drive 360)
Orlando, FL 32819
Phone: 407-226-2929

Map: https://goo.gl/maps/Eeos2xEH51q
http://tapotoro.restaurant/restaurant/

There are 3 possible ways to travel along International Drive between the Convention Center and Tapa Toro:

Mears taxi

I-Ride Trolley
From the Convention Center, take the I-Ride Trolley.
Take the Red Line Northbound to stop N-12 near the I-Drive 360.
(The I-Drive 360 is a large entertainment destination and home to the Orlando Eye observation wheel: http://i-drive360.com/)
Red Line trolleys run about every 20 minutes, from 8 am to 10:30 pm. A single cash fare is $2.00. Senior cash fare is $.25.)

Lynx bus (city bus)
There is also a city bus called Lynx. The No. 42 bus goes north (“inbound”) and the No. 8 bus goes south (“outbound”) along International Drive between the Convention Center and Tapa Toro. The fare is $2.00. An all-day pass is $4.50.
http://www.orlando-how-to.com/support-files/bus-routes/destination-pkwy.pdf
Lynx from Convention Center to Tapa Toro (times are based on weekday, mid-day) – about 20 minutes travel time plus walking
https://goo.gl/maps/wWb5ubruZTw
Lynx from Tapa Toro to Convention Center (times are based on weekday, mid-day) – about 20 minutes travel time plus walking
https://goo.gl/maps/TWTo37CTXCq
Ask at your hotel for more detailed information.
MAGIRT Honors Award Recipient Chosen

The MAGIRT Nominations and Awards Committee received multiple excellent nominations for this year’s Honors Award in the spring and we are pleased to announce that one nominee has been chosen to receive the 2016 MAGIRT Honors Award. This individual has shown sustained proactive leadership in MAGIRT activities and the greater librarianship profession, provided active service in multiple areas that has lead to outcomes that have enhanced MAGIRT’s profile, and continues to serve MAGIRT and the map librarianship community.

The recipient will be feted at the MAGIRT Honors Award dinner to be held at the upcoming ALA Annual Conference in Orlando on Friday evening, June 24th. We look forward to sharing this honor not only with those present in Orlando but with all MAGIRT members via social media immediately following.

The recipient of the MAGIRT Honors Award receives a physical award, a certificate of appreciation, and a monetary award. For more information about this award, including a list of past recipients, please visit: http://www.ala.org/magirt/honorsawards

Members of this year’s MAGIRT Nominations and Awards Committee are Elizabeth (Beth) Cox, Louise Ratliff, and Paige Andrew.
MAGIRT Pre-Conference

Making Sense of Data through Visualization

Thursday, June 23, 2016, 8:00AM - 5:00PM (includes travel time)

Visualization is an increasingly powerful means of exploring and communicating data, especially in the areas of government documents and geospatial information. While not every specialist in these areas can undertake extensive training in visualization, even learning basic data cleaning and visualization techniques can greatly enhance library services in these areas. This pre-conference program will lead participants through a series of hands-on exercises designed to help them learn both data cleaning techniques and data visualization principles. First, a short introduction to visualization as it relates to government documents and geospatial information will prepare participants for the hands-on portions of the program. Next, participants will learn best practices and recommendations for confronting the complexities of government data. Participants will also learn to work with freely available GIS and visualization tools to transform the data and communicate results. Next, participants will go through a visualization exercise during which the instructors will share technical information about visualization software and design tips that will carry across different projects. The hands-on period will be followed by open work time, during which participants will have the chance to explore and interact with the data and software, as well as ask questions of the instructors. After the open work time, a feedback session will allow participants to share their work with the group and practice giving and receiving feedback on their visualization choices. Finally, the program will conclude with an open discussion of the development of scalable library visualization services targeted to government documents and geospatial information. The program will include a catered lunch and time to consult with the presenters on individual projects. The start and end time for this event include travel from the conference to the University of Central Florida Library; a shuttle will be provided.

Louise Ratliff
MAGIRT Vice-Chair
Emerging Leaders Poster Session and Reception

Friday, June 24
3:00 PM - 4:00 PM

Orange County Convention Center, Room W221

A team of Emerging Leaders has been working hard on a project for MAGIRT about how to use the ALA Institutional Repository (ALAIR) to deposit and organize our digital documents. As their Member Guide, I have been a part of this project since day one, and this team is doing a fantastic job. Please come and express your appreciation by attending the poster session and reception!

ALA description:

The ALA 2016 class of Emerging Leaders will showcase their final projects at this poster session. It will be culminating event for this class of Emerging Leaders. Since the Midwinter Meeting teams have been working virtually on projects related either to ALA units or other professional concerns. This poster session will allow each team to highlight its creative and innovative solutions for their project assignments. Emerging Leader sponsors, member guides, and all conference attendees are welcomed and encouraged to attend.

Louise Ratliff
MAGIRT Vice-Chair
Greetings Cartographic Resources Colleagues

Please join the ALCTS-CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group meeting at the ALA Annual Conference in Orlando, Florida

Date: Sunday, June 26
Time: 8:30 - 10:00 AM
Place: Rosen Centre, Salon 12

The Cartographic Resources Cataloging Interest Group meeting is an open discussion session for addressing topics of interest to the cartographic and geospatial resources cataloging community. This is a great forum for posing questions to and exchanging ideas with members of the cartographic resources cataloging community.

A presentation from Jay Weitz, Senior Consulting Database Specialist at OCLC, titled: Cataloging Maps Defensively: When to Input a New Record in the Age of DDR. This not a cataloging workshop, per se, but has been designed to give some background to how OCLC’s Duplicate Detection and Resolution (DDR) software deals with bibliographic records, both generally and for cartographic materials specifically. It should help catalogers use MARC 21 and the instructions in both RDA and AACR2 to the best advantage in making sure that DDR performs appropriately when encountering a bibliographic record for a map that is legitimately unique according to the descriptive conventions.

Paul Frank, Cooperative Program Cataloging Specialist at the Library of Congress, will talk about what is happening in the interim period after the official end of the Library of Congress BIBFRAME Pilot Phase One, and what needs to be done before beginning a second BIBFRAME Pilot using Bf vocabulary 2.0.

Open topic discussion to follow.

All are welcome to attend the above meeting. If you are unable to attend the discussion session, notes from the session will be posted to various online resources as well as printed in the next issue of our newsletter, base line.

We look forward to your attendance and the opportunity to share comments, concerns, and resources at the meeting in Boston!

Best regards,

Iris Taylor

Chair, ALCTS CaMMS/MAGIRT Cartographic Resources Cataloging Interest Group:
  http://www.ala.org/alcts/mgrps/camms/grps/ats-ccsdgmap

ALA Connect Community: http://connect.ala.org/node/64377
Senior Cataloging Specialist, Library of Congress: itaylor@loc.gov
Twitter: #magirtcatIG
In April 2016 I attended the first ever joint conference between the International Cartographic Association (ICA) Commission on Cartographic Heritage Into the Digital and the Map and Geoinformation Curators Group (MAGIC). MAGIC was formerly part of LIBER, the Association of European Research Libraries, but is now adrift somehow and may be coming under the administrative umbrella of ICA Commission on Cartographic Heritage. So we see that Europe has its share of organizational drama which was fine, really, because the conference had an interesting mix of cartographic scholars and map & GIS librarians. Jargon alert: I learned a term that was new to me: GLAM which stands for ‘galleries, libraries, archives, and museums.’

I delivered a presentation describing two multi-institutional projects in which the MSU Map Library is a participant. The projects are more fully described in our accompanying paper, authored by myself and Kasey Wilson. The papers will become available for purchase at a later date and selected papers will be published in their peer reviewed journal, e-Perimetron.

Several other MAGIRT members presented papers at the conference. Marcy Bidney, in addition to serving on the conference organizing committee, presented a paper on her institution’s migration of the GEODEX cartobibliography from a DOS based interface to a Windows 10 compatible interface. Tsering Wangyal Shawa presented an interested paper on extracting vector data from scanned historical maps. Boris Michev presented a paper on the use of map exhibits as an important tool for connecting cartography with Digital Humanities.

In addition, there were two papers on determining the projections of historical maps. Patricia Seed of UC-Irvine proposed a trial-and-error approach. Mátyás Gede of Eötvös Loránd University in Budapest presented a paper on semi-automatically detecting the projection of small scale maps. Mátyás was also promoting the International Map Year (which oddly spans 2 years, 2015-2016) by way of wearing a “We Y Maps” T-shirt. I see on the mapyear.org website that numerous organizations are choosing to mark the Map Year in one way or another. The Japan Cartographers Association, for instance, opened a map-filled time capsule from 1980. The result being, of course, that they realized that 1980 is not long enough in the past for the contents of a time capsule to be historical or interesting.
Two papers focused on digitized globes. It has been difficult to extract meaningful GIS data from historical globes because they aren’t flat. Gede proposed automatic reconstruction of globe images using photogrammetric methods. Ian Fowler from University of Southern Maine is currently engaged in a grant funded project to digitize their extensive antique globe collection. More information is available here: [http://www.pressherald.com/2015/12/28/ober-map-library-at-university-of-southern-maine-is-creating-online-3-d-digital-images-of-its-large-globe-collection/](http://www.pressherald.com/2015/12/28/ober-map-library-at-university-of-southern-maine-is-creating-online-3-d-digital-images-of-its-large-globe-collection/)

Arguably the coolest presentation was from Valdis Bērziņš of the Latvian Geospatial Information Agency who showed foxholes and other historical fortifications revealed through high-resolution LIDAR.

Aside from participating in an international scholarly event, the main outcome of the conference for me was forming new professional acquaintances from around the world. I’ve already utilized one contact by soliciting knowledge from a very nice Latvian lady named Zane who sports the fascinating job title of “Toponymist” with the Latvian Geospatial Information Agency. I sent her scans of a gift map (a 1928 Latvian land deed), which the MSU Map Library recently received as a gift, hoping she could tell me where the farm is located. In fact many places have changed names over the years and it would have been difficult if not impossible for me to discover the location of the farm without her help.

![Oldtown street in Riga](image)

The event’s organizer, a retired scholar from Thessaloniki, Greece, was tickled that so many Americans showed up (9 of us) particularly because the 2017 International Cartographic Conference will be held in Washington DC July 2-7. A task force formed at the ICA conference will be designing a workshop for attendees. More conference information is available at [http://icc2017.org/](http://icc2017.org/)

Submitted by
Kathleen Weessies

*photos by the author*
“Space. The final frontier.” We’re so familiar with this phrase. Let’s look at this a bit closer and see how it fits into today’s world of maps. Data and space are parts of our everyday lives, especially when we use GIS resources and tools. Some of that geospatial data that we use every day comes from space and is gathered by sophisticated sensors on satellites, like Landsat, GeoEye, etc., and is made available for all to use conduct research. Now. As for space being the final frontier? Well, let’s just say we’re on the right path ... and row.

Satellite imagery

Satellite data comes in two flavors. Free and pay. Free satellite data can be obtained from government owned satellites. The plus side: It does not cost anything to download and use. The down side: the resolution is low: 15 to 30 meters/pixel. So depending on how you’re using the data, this imagery might be just right. Here are some of the U.S. Government (public domain) satellite links.


Originally named the Earth Resources Technology Satellite (ERTS-1) was launched in July of 1972 and was later renamed Landsat 1 and since then, six other Landsat satellites have been successfully launched with Landsat 8 which was recently launched and is streaming data back to Earth. There are now four decades worth of world data to study and use. Below are three ways of obtain this data.


EarthExplorer \url{http://earthexplorer.usgs.gov/} Download imagery and air photos and other types of geospatial data. You will need to create a free user name and password for this site.

A satellite’s image sensor collects the entire spectrum of light and separates it out into separate bands that range from the far infrared to the upper limits of the visible light spectrum. Here’s some detailed information about the bands used on the various Landsat satellites \url{http://landsat.usgs.gov/best_spectral_bands_to_use.php} When you download a scene or image this link explains the types of files that you will be receiving. \url{http://landsat.usgs.gov/files_will_be_provided_with_a_Landsat_scene.php}

Also when using Landsat data you will also need to cite the imagery. So here’s the info from USGS and EROS on how to cite their data. \url{https://www2.usgs.gov/visual-id/credit_usgs.html}

If you are seeking high resolution imagery, say, the sub-1 meter kind, the most common source is from commercially owned satellites. The resolution will be far greater than from anything “publicly” available from government sources. I have listed some of the better known satellites
that you may have heard of that are now owned or operated by DigitalGlobe. There are other satellites i.e. SPOT, ASTER run by other corporations and international entities that also offer imagery which can be easily found on the web.

- GeoEye – 16 inch resolution
- WorldView 2 – 18 inch resolution
- WorldView 3 – 12 inch resolution
- QuickBird – 2 foot resolution
- Ikonos – 1999 – still flying – 1 meter resolution

When you go to the DigitalGlobe website [https://www.digitalglobe.com/](https://www.digitalglobe.com/) you can even task any of their satellites from your office computer to take imagery on demand of your specific site. For a price! [https://www.digitalglobe.com/products/direct-access-program](https://www.digitalglobe.com/products/direct-access-program)

An easier way to use some of DigitalGlobe’s imagery is to use it as a layer within ArcGIS or through an ArcGIS Online account.

**International Space Station (ISS)**

For those interested in the ISS, here are some fun and educational links for you to explore.

There are a few free apps that you can download from Google Play to install on your phone or tablet (like I did). You can see and track the ISS on a map and view a live camera feed of where it is currently flying.


If you want to see the ISS fly over your house then you can sign up for free e-mail notifications by going to the Spot the Station website from NASA [https://spotthesation.nasa.gov/signup.cfm](https://spotthesation.nasa.gov/signup.cfm). You can also allow your patrons to find the ISS for themselves by embedding the Spot the Station widget on your webpage. [https://spotthestation.nasa.gov/widget/](https://spotthestation.nasa.gov/widget/)

There is also a great link that allows you to explore the inside of the ISS through an interactive website from the ESA (European Space Agency) [http://www.esa.int/Our_Activities/Human_Spaceflight/International_Space_Station/Highlights/International_Space_Station_panoramic_tour](http://www.esa.int/Our_Activities/Human_Spaceflight/International_Space_Station/Highlights/International_Space_Station_panoramic_tour)

*Time exposure of the ISS passing over my house* photo by author
Great Moments In Map Librarianship by Jim Coombs

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JAMIE LEE CURTIS BOOK SIGNING TODAY

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