

# Ancient Mesoamerica through 21<sup>st</sup> Century Science

a one-day symposium sponsored by  
THE PRE-COLUMBIAN SOCIETY OF WASHINGTON, D.C.

**Saturday, September 21, 2019**

U.S. Navy Memorial & Naval Heritage Center  
701 Pennsylvania Avenue, N.W., Washington, D.C.

In each generation archaeology transforms itself as new technologies open the way for new perspectives, helping to demolish old preconceptions and prompting us to ask questions that we could not ask before – questions that in some cases we could not even imagine before.

This year's symposium, on **Ancient Mesoamerica through 21st Century Science**, will feature outstanding examples of research findings made possible through the application of emerging technologies. Contrasting lidar studies reveal the astonishing scale of Classic Maya cities on the one hand, and the anatomy of the Preclassic polities on the Pacific coast on the other; the

Mexican Maya Codex is authenticated as the oldest book in the New World through forensic laboratory analyses; 3D imaging techniques yield new insights into Maya creations at scales large and small; research on Olmec caves in Guerrero applies breakthrough techniques for mapping and rock art analysis; a shattered Maya mural is reconstructed to reveal new light on Preclassic Maya life.

Join us and our moderator Marcello Canuto, along with a team of Mesoamerican scholars engaged in cutting-edge research, as we explore the frontiers of archaeological knowledge and practice.

## Participants<sup>1</sup>

**Marcello Canuto**  
Tulane University

**Gerardo Gutiérrez**  
University of Colorado Boulder

**Heather Hurst**  
Skidmore College

**Mary E. Pye**  
New World Archaeological  
Foundation

**Robert Rosenswig**  
State University of New York  
Albany

**Alexandré Tokovinine**  
University of Alabama

## PROGRAM

8:15 a.m. REGISTRATION, Morning Refreshments

9:00 a.m. WELCOME AND OPENING ANNOUNCEMENTS

9:15 a.m. *Ancient Lowland Maya Complexity as Revealed by Airborne Laser Scanning of Northern Guatemala*..... Marcello Canuto<sup>2</sup>

10:15 a.m. BREAK

10:45 a.m. *The Izapa Kingdom: Demographic Patterns and Site Structure Revealed with Lidar Data*..... Robert Rosenswig

11:35 a.m. *The Codex Maya of Mexico, the Oldest Book in the Americas* ..... Gerardo Gutiérrez

12:25 p.m. LUNCH

1:45 p.m. *From Temples to Artifacts: 3D Imaging in Maya Archaeology*..... Alexandré Tokovinine

2:35 p.m. *Olmec Caves of Eastern Guerrero: Applied Science in the Study of Ancient Locales and Muralism*..... Mary E. Pye

3:25 p.m. BREAK

3:50 p.m. *The World's Most Difficult Puzzle: Reassembling the East and South Wall Paintings of San Bartolo, Guatemala*..... Heather Hurst

4:40 p.m. BOOK-DRAWING BREAK

5:00 p.m. Panel Discussion .....All Speakers

6:00–9:00 p.m. RECEPTION at TEAISM..... (optional; *additional fee*)

<sup>1</sup> The Pre-Columbian Society of Washington, D. C., reserves the right to substitute symposium participants in the event of unexpected cancellations.

<sup>2</sup> After his talk, Dr. Canuto will be our host and moderator.

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<b>LOCATION:</b> U. S. Navy Memorial & Naval Heritage Center 701 Pennsylvania Ave., N.W. Washington, D.C. (Between 7th and 9th Streets)	<b>DATE:</b> September 21, 2019 9:00 a.m. to 5:45 p.m.
	<b>METRO STOP:</b> Archives/Naval Memorial Station on the Green or Yellow Line
	<b>PARKING:</b> Check <a href="http://www.pcswdc.org">www.pcswdc.org</a> two weeks before event for parking locations & prices

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**TO REGISTER EARLY FOR THE SYMPOSIUM:** You can register online or by mail by Friday, September 13th. To register online, visit [www.pcswdc.org](http://www.pcswdc.org). To register by mail, complete the information on the opposite page and send it with your payment to the address on the bottom of that page. *Registrations must be postmarked by September 13th. Confirmation of your early registration will be provided by mail. Walk-ins are always welcome.*

**EARLY REGISTRATION PRICES:** Enter the number of tickets in the appropriate membership category on the opposite page (Member, Nonmember, Student). *Please check the mailing label on this brochure for your membership category and expiration date.*

- ❖ **PCSWDC MEMBER TICKET (\$95)**—This discounted ticket price applies to *Individual* or *Household* members whose membership at the time of registration is current on the day of the symposium, September 21, 2019. Only Society members may enjoy this price, and you may use this form to either join the PCSWDC or renew your membership.
- ❖ **NONMEMBER TICKET (\$125)**—This discounted ticket price applies to people who are not members of the Pre-Columbian Society as of the day of the symposium.
- ❖ **STUDENT TICKET (\$25)**—This discounted ticket price applies to people who are enrolled in an accredited academic program on the day of the symposium. *Students must be prepared to show a copy of valid student ID when registering.*

**EARLY REGISTRATION CLOSING ON SEPTEMBER 13, 2019. YOU ARE WELCOME TO REGISTER AT THE DOOR ON THE DAY OF THE SYMPOSIUM, WHEN AN ADDITIONAL \$15 WILL BE CHARGED.**

**RECEPTION TICKETS (\$40):** To join speakers at *Teaism*, 400 8th St., N.W., from 6–9 p.m., for conversation and a buffet dinner (choices available for vegetarians and the health conscious), enter the number of tickets in the appropriate space on the opposite page. *You need not attend the symposium to attend the reception. Make your reservations early; the number of reception tickets is limited.*

**PCSWDC MEMBERSHIP:** To join the Society or renew your current membership as an Individual or Household member, indicate your selection on the appropriate line on the opposite page. Members receive the Society's monthly newsletters and e-lets.<sup>3</sup>

**NEWSLETTER-ONLY SUBSCRIPTIONS:** If you do not wish to join the Society but want to receive an annual subscription to *The Smoking Mirror* AND you reside 100 or more miles outside the Washington, D.C. area, enter the appropriate amount in the space on the opposite page (note that subscribers outside the U.S. will receive newsletters as PDFs via email).

**TAX-DEDUCTIBLE DONATIONS:** The Pre-Columbian Society of Washington, D.C. is a 501(c)(3) organization. Your donations are not only very much appreciated but tax deductible. Please indicate your donation in the appropriate space on the opposite page.

**T-SHIRT ORDERS:** This year's T-shirt features an image of a scribe from a Classic Maya plate with an updated toolkit, spotted by an aerial survey. The shirt is a beige color made of 100% cotton with an image in terra cotta and black, with black outline and lettering. See the illustration on the back of this form. A color version can be seen on our website ([www.pcswdc.org](http://www.pcswdc.org)). Enter the number of T-shirts by size and type that you are ordering on the opposite page. *Orders must be postmarked before September 7th.*<sup>4</sup>

**PAYMENTS:** Register and pay online at [www.pcswdc.org](http://www.pcswdc.org),<sup>5</sup> or complete the form on the opposite page and mail with a check made payable to the "Pre-Columbian Society of Washington, D.C." No refunds will be offered after September 13th, 2019.

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<sup>3</sup> Renewals and new membership requests received by August 1 will receive the September issue of the monthly newsletter, *The Smoking Mirror*.

<sup>4</sup> If you are not picking up your order at the symposium, add \$8 per T-shirt for postage and handling.

<sup>5</sup> Online and early registration ends Friday, September 13th, 2019. Registrations postmarked after that date will be subject to an additional \$15.

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at the U.S. Navy Memorial & Naval Heritage Center

## REGISTRATION FORM

NAME(S) _____ <i>Please print name(s) as you wish it (them) to appear on your name tag(s)</i>
ADDRESS _____ CITY _____ STATE _____ ZIP _____
TELEPHONE DAY _____ EVENING _____
EMAIL ADDRESS _____ <i>If you (re)join the Society your monthly e-lets will be sent to this address.</i>

<b>SYMPOSIUM EARLY REGISTRATION</b>
<i>*Early registration ends September 13<sup>th</sup>. Registration at the door will be an additional \$15.</i>
PCSWDC MEMBERS # _____ at \$95* EACH \$ _____
NONMEMBERS # _____ at \$125* EACH \$ _____
STUDENTS # _____ at \$25* EACH \$ _____

RECEPTION TICKETS # _____ at \$40 EACH \$ _____
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PCSWDC MEMBERSHIP	INDIVIDUAL # _____ at \$35 EACH \$ _____
<i>Membership benefits include monthly newsletters and e-lets.</i>	HOUSEHOLD # _____ at \$50 EACH \$ _____

NEWSLETTER-ONLY SUBSCRIPTION \$20 \$ _____
<i>Newsletter subscribers must reside 100 or more miles outside the Washington, D.C., area. Non-U.S. addresses will receive PDF format only.</i>

TAX-DEDUCTIBLE DONATION	\$ _____
<i>Receipts for tax purposes will be supplied for gifts of \$100 or more.</i>	

T-SHIRT ORDER	# _____ S, _____ M, _____ L, _____ XL, _____ XXL at \$20 EACH \$ _____
<input type="checkbox"/> <i>If you are NOT picking up your T-shirt order at the symposium, check this box and add \$8 for postage and handling.</i>	\$8 = \$ _____

TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_

MAIL CHECK TO  
The Pre-Columbian Society of Washington, D.C.  
Registration Coordinator  
240 M St SW Apt. E-314  
Washington, DC 20024-3625

REGISTER ONLINE AT [WWW.PCSWDC.ORG](http://WWW.PCSWDC.ORG)

The illustration at the right is this year's T-shirt, featuring a design inspired by a Maya plate from Uaxactun (Kerr 5824) as re-imagined on a piece in the Princeton University Art Museum.



T-shirts are 100% cotton, beige in color with images in black, brown and terra cotta and black lettering. See registration form for details on how to order.

**PRE-COLUMBIAN SOCIETY OF WASHINGTON, D.C.**  
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