

# SOCIETY FOR INDUSTRIAL ARCHEOLOGY 47th ANNUAL CONFERENCE

**MAY 31 - JUNE 3, 2018  
RICHMOND, VIRGINIA**



The [47th Annual SIA Conference](#) will be held in Richmond, Virginia. The city dates to the early 17th century, and is crucial to the development of the colony of Virginia, the Revolutionary War, and the Civil War. After Reconstruction, Richmond's location at the Falls of the James River helped it develop a diversified economy and become a land transportation hub.

In 1831, the Industrial Revolution arrived when the Chesterfield Railroad Company opened its horse-drawn rail line between Manchester and the Chesterfield coal mines, just south of the city. In 1833 Rhys Davies, an engineer from Tredegar, South Wales, was hired by Richmond businessmen and industrialists to construct furnaces and rolling mills used in the iron and foundry business. By 1837 the rolling mills were merged with the Virginia Foundry, creating the Tredegar Iron Works, the largest foundry in the South and the third-largest in the United States. It sat adjacent to the James River & Kanawha Canal, which connected Richmond with locations to the west, with the goal of extending to then western Virginia and the Ohio Valley. Five competing railroads followed, making Richmond the most industrial city in the Antebellum South, and capital of the Confederacy. After the devastation of the Civil War, Richmond rebounded with the tobacco industry, and Tobacco Row hosted four of the largest manufacturers in the country. Support industries such as box making, paper making, lithography, and machine shops flourished.

SIA registrants will have a chance to experience this impressive history including not only cigarette making, but also high tech machine shops, foundries and breweries. We'll also visit important industrial and technological heritage sites with offerings to the south in Petersburg, to the west in Charlottesville, and to the east in Hampton Roads. Come join us to see well-preserved examples of Richmond's past and experience the present in this vibrant, diversified southern city.

## SCHEDULE AT A GLANCE

### THURSDAY, MAY 31

- Pre-conference tours\*
- Welcome Reception for New Members
- Evening Reception and conference orientation at hotel
- Dinner on your own

### FRIDAY, JUNE 1

- Choose one of four all-day bus tours
- Dinner on your own
- SIA Industrial Film Festival

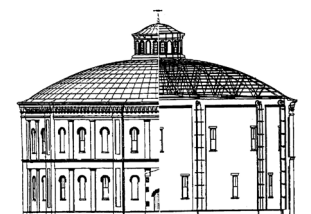
### SATURDAY, JUNE 2

- Full day of research presentations & exhibits
- Annual Business Meeting & Luncheon
- SIA Banquet\*

### SUNDAY, JUNE 3

- Post-conference tours\*

\* Additional fees apply



# ONLINE REGISTRATON OPENS MARCH 20, 2018

*Late registration after May 7, 2018*

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## CONFERENCE HOTEL

Omni Richmond Hotel  
100 South 12th Street  
Richmond, Virginia 23219

The [Omni Richmond Hotel](#) is where refined Southern hospitality meets contemporary amenities. With elegant accommodations inside, historic Richmond outside, and the magnificent Blue Ridge mountains just an hour away, this is the ultimate Virginia experience. The James Center YMCA, a 30,000-square-foot state-of-the-art health and fitness athletic facility, offers complimentary access to Omni Richmond Hotel guests. Guest services includes: 24-hour dining, onsite ATM, 24 hour business center, Starbucks Coffee shop, complimentary safes in each guest room, full-service restaurant, valet parking (\$25 per day), and WiFi Internet service.

SIA has reserved a block of rooms that can be reserved online at <https://www.omnihotels.com/hotels/richmond/meetings/society-for-industrial-archeology-47th-annual-conference> or by calling 1-888-444-6664 and mentioning you are attending the SIA Conference. You are encouraged to book early. The \$138 per night conference rate is available through May 9, 2018.

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## TRAVELING TO RICHMOND

**AIRLINE TRAVEL** – Richmond is served by the Richmond International Airport, located 10 miles from Downtown Richmond. The airport is served by seven air carriers (American, Delta, JetBlue, Southwest, United, Allegiant and Onejet), with most offering non-stop flights to major domestic destinations and connecting service to points around the globe.

There are various transportation options (<http://www.flyrichmond.com/index.php/prearranged-services>) from the airport to the conference hotel. James River Transportation has a counter inside Richmond International Airport. For advance JRT reservations call toll free at (855) 831-4343.

**RAIL TRAVEL** – Richmond's historic Main Street station (RVM) is just 6 blocks from The Omni and is served by the Carolinian/Piedmont passenger service that operates between New York and Charlotte and the Northeast Regional passenger service from Boston to Norfolk/Newport News. For more information, visit <https://www.amtrak.com>.

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## CONFERENCE EVENTS – Included in Registration

**PLEASE NOTE:** Tour itineraries are subject to change. Schedules and times provided in this brochure are approximate. Please check emails, the conference website, and your registration packet for updated times, details, and web links. If you have additional questions, contact SIA event coordinator Courtney Murtaugh: [siaevents@siahq.org](mailto:siaevents@siahq.org)

### THURSDAY, MAY 31

Evening events at the Omni Richmond Hotel

#### 5:00-6:00 PM – NEW MEMBERS' WELCOME RECEPTION

**6:00-8:00 PM – OPENING RECEPTION** – Hors d'oeuvres, cash bar, and an orientation to the history of Richmond. Our featured speaker will be the Library of Virginia's Gregg Kimball, author of *American City, Southern Place: A Cultural History of Antebellum Richmond* (University of Georgia Press, 2000).

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**PHOTO CAPTIONS FOR COVER IMAGES:** (TOP) Detail from 1865 photograph by David Gardner showing Tredegar Iron Works; Library of Congress photo. (MIDDLE) View of Byrd Park Pump House, Richmond, Virginia, Historic American Engineering Record photo. (BOTTOM) Appomattox Iron Works, Petersburg, housed in 1810-1835 buildings; theclio.com, photo by John Reidy.

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## FRIDAY, JUNE 1

Choose one of the following all-day tours (lunch and transportation included)

**F1 – MACHINE AND FOUNDRY WORK IN RICHMOND** (8:00-5:00) Virginia has a long tradition of metal processing industries going back to the early Colonial period. This tour will visit two surviving Richmond metal working facilities. Founded in 1912, [O. K. Foundry](#) supplied made-to-order cast iron to Richmond's railroad, industrial and agricultural equipment companies. It maintains traditional pattern-making capabilities and foundry pattern tradecraft as well as advanced techniques such as 3D CAD and digital fabrication. [Strickland Machine Company](#) was founded in 1901 by principals of the Whitlock Tobacco Company to build and repair tobacco machinery. One of the oldest precision machine and fabrication facilities in Central Virginia, Strickland has been instrumental to the railroad, defense, and tobacco industries. The next tour stop is [Philip Morris USA](#), a 170-year-old company whose production headquarters have been in Richmond since 1929. The tour concludes at the 1837 Tredegar Iron Works, which was the primary supplier of cannons for the Confederacy during the Civil War, and served a prominent role in the growth of railroads throughout its 120-year existence. The tour will explore Tredegar's history and its surviving artifacts and structures.

**F2 – PETERSBURG AND SOUTH TOUR** (8:00-5:00) This tour explores IA south of Richmond starting at [Philip Morris USA](#), a 170 year-old company whose tobacco production headquarters have been in Richmond since 1929. We'll continue to historic Petersburg, an antebellum industrial center which before the Civil War had the largest concentration of railroads of any city in the country. The port city also had a thriving flour mill industry, whole leaf tobacco and luggage factories, and the largest concentration of freed blacks in the south. We'll tour [Appomattox Iron Works](#), which operated from 1876 to 1972 within a complex of buildings dating to 1810-1835. We'll observe remnants of industry along the Appomattox River, the monumental ca. 1910 concrete Seaboard Railway viaduct arches, and the 1961 Aluminum Bridge. We'll also visit IA along the 1816-1890 Upper Appomattox Canal, the Petersburg Gas Works, and the freedmen community of Pocahontas Island. We'll toast our hosts, the Petersburg Preservation Task Force, at [Trapezium Brewery](#), which occupies a former ice house. We'll also visit the 1823 twin arch Falling Creek Bridge, and explore the archeological remains of the eighteenth-century [Falling Creek Ironworks](#).

**F3 – VIRGINIA MARITIME AND PENINSULA TOUR** (8:00-5:00) This tour will travel east of Richmond to Fort Monroe in Hampton, the largest of the multi-tiered "Third System" of coastal fortifications built by the U.S. Army prior to the Civil War. Next, the tour will continue to the [USS Monitor Center](#) at the Mariner's Museum & Park in nearby Newport News, home to several recovered components and artifacts of the USS Monitor. The tour will focus on the state-of-the art curation facility where attendees will see firsthand conservation efforts to roll back more than a century of corrosion. After driving along the hand-broomed exposed aggregate pavement and brick-faced bridges of [Colonial Parkway](#) (built 1931-1957), the tour will conclude at Jamestown, the site of the first permanent English settlement in North America. Our visit will focus on excavations within and around the original 1607-built fort, with emphasis on small craft industries that were necessary to the success of the fragile colony, such as a recently-discovered brewery site near the original fort. All three sites will require moderate walking in indoor and outdoor settings.

**F4 – JAMES RIVER AND KANAWHA CANAL TOUR** (8:30-4:30) We will walk from the Omni to the Tidewater Connection Locks and the Canal Basin, where we'll board replica canal boats to tour sites such as the [Triple Crossing](#) and Tobacco Row. We will then travel by motor coach to Great Shiplock Park, Trigg Shipyard Lock and walk to Chapel Island. We'll drive through downtown Richmond to see the preserved prism section of the James River and Kanawha Canal at Historic Tredegar. At [Hollywood Cemetery](#), we will walk 1-¼ mile round trip to see [James Monroe's Tomb](#), "the Birdcage", an 1858 wonder of cast-iron architecture, and eat lunch among the magnolias with an outstanding view of the Falls of the James. The [Friends of the Pump House](#) will show off the ongoing preservation of their 1883 stone Gothic Revival facility at Byrd Park, and we will cross the James to view the CSX Belt Line Bridge and visit Main Street Station. The tour concludes at the site of the notorious Lumpkin's Jail, aka the "Devil's Half Acre."

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## FRIDAY EVENING, JUNE 1

7:30-9:30 PM - EIGHTH ANNUAL SIA FILM FESTIVAL

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## SATURDAY, JUNE 2

**8:00–11:30 - MORNING PRESENTATION SESSIONS** (Coffee and soft drinks will be available; session topics, presentation titles, and a list of speakers will be posted on the SIA website: [www.sia-web.org](http://www.sia-web.org))

**11:45–1:15 - ANNUAL BUSINESS MEETING & LUNCHEON**

**1:30–5:00 - AFTERNOON PRESENTATION SESSIONS**

**ALL DAY - EXHIBITS, POSTERS & BOOK SALES**

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## OPTIONAL ACTIVITIES *(Extra fees apply)*

### THURSDAY, MAY 31

**T1 – THE UNIVERSITY OF VIRGINIA** (7:30-5:00) Tour sites at the University of Virginia in Charlottesville include the recently-completed restoration of Thomas Jefferson's Rotunda (modeled on the Roman Pantheon, it was the centerpiece of the original UVA grounds), a functioning 1880s observatory, the innovative 1960s University Hall (supported by a pre-tensioned torsion ring), evidence of the university's original water systems, and examples of Guastavino tiling. Presentations will examine the UVA. infrastructure, living/working areas and garden spaces, and items from the UVA. Archives. In addition, the [Blue Ridge Tunnel Foundation](#) will discuss their ongoing project to stabilize, document (via UVA's Engineering School's laser scanning robot), and reopen the Blue Ridge Tunnel (Crozet's Tunnel). Dug during the 1850s using hand tools and black powder blasting, this tunnel is 4,264 feet long.

**T2 – DOWNTOWN RICHMOND HISTORIC WATERFRONT WALKING TOUR** (1:00-4:30) This three-hour, 3.5-mile walking tour will feature downtown Richmond's waterfront at the falls of the James River, historically the reason for the City's existence and its vibrant industrial and transportation history. Sites along the tour include canals, railroads, dams, bridges and factories dating from the 19th and early 20th-centuries. The tour will cover both banks of the James River, beginning and ending at the Omni Richmond Hotel. Please wear comfortable walking shoes. Participants need to be physically capable of walking 3.5 miles in warm Richmond weather. Restrooms are available only at Brown's Island/Historic Tredegar (Mile 2.0).

**T3 – TREASURES FROM THE COLLECTIONS OF THE [LIBRARY OF VIRGINIA](#)** (2:00-4:00—800 East Broad Street, Richmond; Meet in the lobby of the Omni Hotel at 1:45 p.m. for a half-mile walk to the library) Explore the library's holdings on industry, technology, transportation, and engineering and view rare examples selected by expert curators. Signature collections include the Virginia Board of Public Works Collection (1816-1912); transportation records, including the archives of the Richmond, Fredericksburg, and Potomac Railroad (1834-1997); and the Tredegar Iron Works records (1801-1957), documenting the largest ironworks in the Antebellum South. The Library's strong map, broadside, visual, and state records collections further deepen our understanding of industrial and commercial development in the Commonwealth.

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### SATURDAY EVENING, JUNE 2

**SB – SATURDAY SOUTHERN STYLE DINNER** (6:30-9:30) Southern fried chicken, fried green tomatoes, and beer at [Stone Brewing](#) with catering by [Mean Bird](#). Price includes shuttle bus ride, catered dinner with vegetarian options, and open taps of Stone Brewing's diverse selection of craft beers and kombucha. Note that Stone is a 1.5-mile/30-minute walk along the riverfront and Tobacco Row for those who are inclined to visit additional sites.

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### SUNDAY, JUNE 3 *(Lunch on your own)*

**S1 – TREDEGAR IRON WORKS** (Open 9:00-5:00; meet outside the NPS/Historic Tredegar building by 9:30am for a guided tour) Founded in 1837, Tredegar Iron Works is perhaps best known as the chief armorer to the Confederacy during the Civil War, producing 1,100 cannons for the Southern war effort. However, Tredegar's importance reaches beyond that conflict. Tredegar helped build Southern infrastructure and industry before the war, and became a railroad supplier of national prominence in the decades after. Its diverse output included everything from railroad spikes to boilers, from car wheels to naval shells during both World Wars. The tour will explore Tredegar's history and its surviving artifacts and structures.

**S2 – JAMES RIVER & KANAWHA CANAL TOUR** (9:00-1:00; abbreviated version of Friday tour F4) We will walk from the Omni to the Tidewater Connection Locks and then the Canal Basin, where we'll board replica canal boats for a guided tour pointing out important sites such as the Triple Crossing and Tobacco Row. We will then travel by motor coach to Great Shiplock Park, Trigg Shipyard Lock and a walk to Chapel Island. We'll then drive across downtown Richmond to see the preserved prism section of the James River and Kanawha Canal at Historic Tredegar. We'll continue to Byrd Park where the Friends of the Pump House will show off the ongoing preservation of their 1883 stone Gothic Revival facility along the canal.

**S3 – [RICHMOND RAILROAD MUSEUM TOUR](#)** (1:00-4:00; Walk 0.8 miles or take the shuttle to 102 Hull Street) The Old Dominion Chapter of the National Railway Historical Society invites SIA members to its museum, which tells the story of central Virginia's railroads since the 1830s. Housed in a 1915 Southern Railway Depot on the South Side, the museum's collection comprises a variety of equipment, artifacts, and memorabilia, including locomotives and rolling stock that operated locally for several different railroad lines and industries, featuring a restored 1923 H.K. Porter steam locomotive.



# SIA 2018 Annual Conference, Richmond, Virginia - Registration Form

Name	
Affiliation (for name badge)	
Joint Name	
Joint Affiliation	
Street Address	
City	State/Province
Postal Code	Country
Cell Phone	Other Phone
Email	
<input type="checkbox"/> Check here if you prefer <b>NOT</b> to share your information with other attendees	
Is this your first SIA conference? <input type="checkbox"/> YES <input type="checkbox"/> NO	
<input type="checkbox"/> Check here if you (or companion) may require special meals. Indicate meal restrictions:	

## CONFERENCE REGISTRATION

Member and Student Registration includes Thursday Evening Reception, one Friday Bus Tour, Saturday Presentation Sessions, and Saturday Annual Business Meeting/Luncheon. Thursday tours, Saturday banquet, and Sunday tours are optional at extra cost. All tours are space-available, first come, first served, with preference given to persons paying full registration.

All fees are PER PERSON.

Make tour selections at top right of this form.

	#		Cost Each	TOTAL
<b>SIA MEMBER REGISTRATION</b> You must be a 2018 member. SIA's insurance requires that all tour participants be members.		@	\$325	\$
<b>STUDENT REGISTRATION</b> Age of students under 18: _____		@	\$150	\$
<b>STUDENT VOLUNTEER REGISTRATION</b>		@	\$125	\$
<b>SATURDAY PRESENTATION SESSIONS ONLY</b> Includes Saturday Business Meeting & Luncheon but not Saturday Night Banquet.		@	\$140	\$
<b>LATE FEE</b> (After May 7, 2018)		@	\$40	\$

## OPTIONAL ACTIVITIES

### THURSDAY, MAY 31

T1 - The University of Virginia		@	\$70	\$
T2 - Richmond Historic Waterfront Walking Tour		@	\$10	\$
T3 - Collections of the Library of Virginia		@	\$10	\$

### SATURDAY, JUNE 2

SB - SIA Banquet at Stone Brewing <input type="checkbox"/> Check here if interested in brewery tour		@	\$65	\$
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### SUNDAY, JUNE 3

S1 - Tredegar Iron Works		@	\$10	\$
S2 - James River & Kanawha Canal		@	\$45	\$
S3 - Richmond Railroad Museum		@	\$10	\$

**REGISTRATION & OPTIONAL ACTIVITIES SUBTOTAL**    \$

**Tours are filled based on date and time of receipt of registration at SIA Headquarters.**

**Please Indicate Order of Preference**  
(1=First Choice, 2=Second Choice, 3=Third Choice)

FRIDAY TOUR PREFERENCES (Included with registration)	YOU	JOINT
F1 - Machine & Foundry Work		
F2 - Petersburg & South		
F3 - Maritime & Peninsula		
F4 - James River & Kanawha Canal		

## DUES & DONATIONS

### SIA 2018 MEMBERSHIP DUES

Renewal or New Member ONLY if you have not paid your 2018 dues. International members (\*excluding Canada) require an additional \$10 mailing fee.

Individual Membership	\$50	\$
Joint Membership	\$55	\$
Upgrade to Joint Membership	\$5	\$
International Mailing Fee	\$10	\$
<b>DUES SUBTOTAL</b>		<b>\$</b>

### DONATIONS TO THE SIA

Student Scholarship Fund Donation	\$
Preservation Grant Fund Donation	\$
<b>DONATIONS SUBTOTAL</b>	<b>\$</b>

### METHODS OF PAYMENT

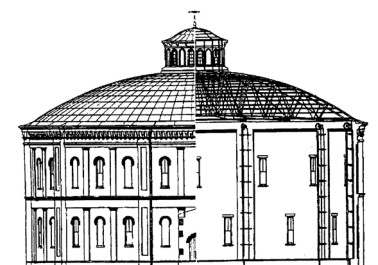
1. Register and pay online by credit card or debit card at [www.sia-web.org](http://www.sia-web.org)
2. Check or money order, payable to SIA in U.S. dollars, mailed with this form to:

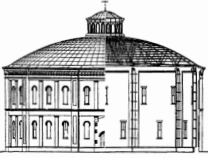
SIA 2018 Conference  
Department of Social Sciences  
Michigan Technological University  
1400 Townsend Drive  
Houghton, MI 49931 USA

**TOTAL AMOUNT ENCLOSED**

(Registration, Optional Activities, Dues & Donations)

**\$**





**Society for Industrial Archeology**  
**Dept. of Social Sciences**  
**Michigan Tech. University**  
**1400 Townsend Drive**  
**Houghton, MI 49931**

# SIA ▶ RVA

**SIA 47th Annual Conference**  
**May 31 - June 3, 2018**  
**Richmond, Virginia**



Philip Morris leaf storage warehouse, Richmond,  
Virginia ca 1969. (Historic American Buildings Survey)