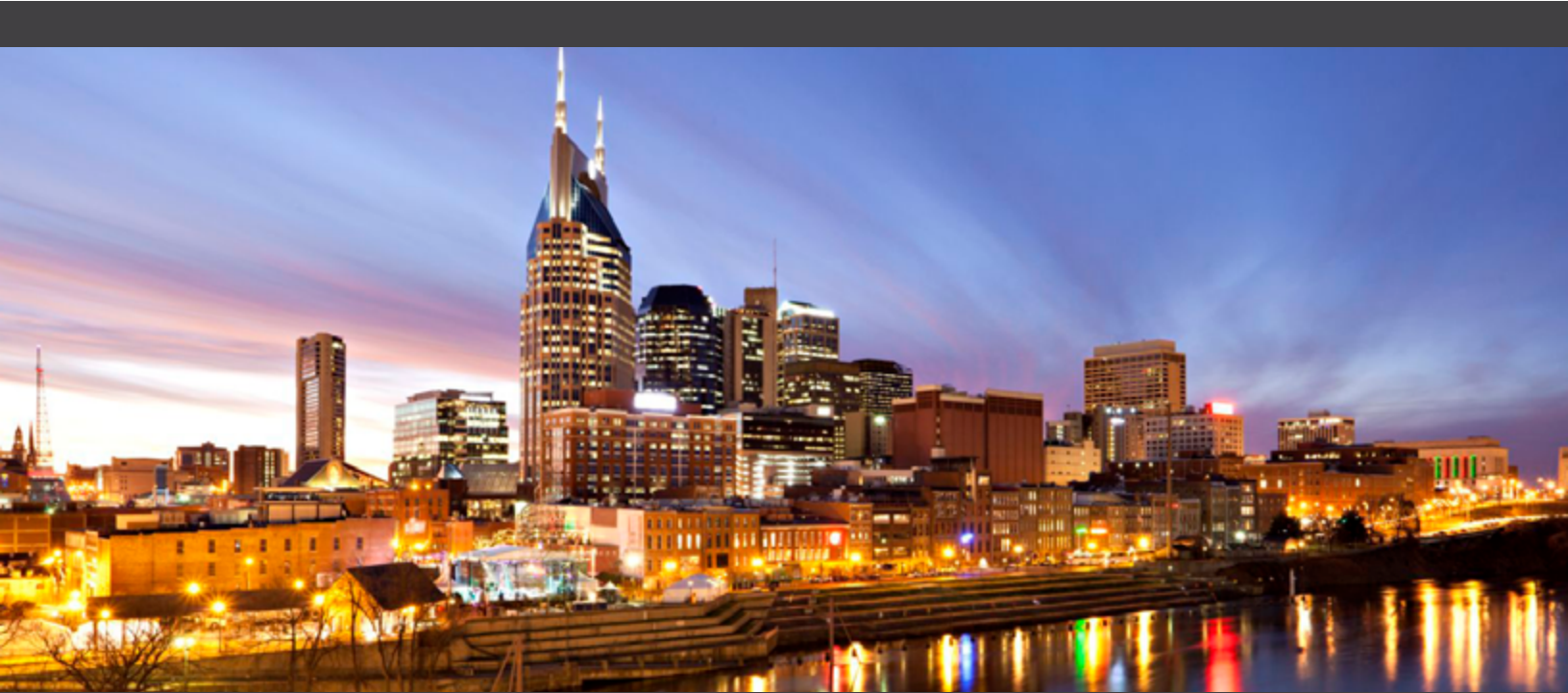


2019 IEEE BiCMOS and Compound Semiconductor Integrated Circuits and Technology Symposium



Loews Vanderbilt Hotel
November 4-5, 2019
Nashville, TN



EXHIBITOR PROSPECTUS

Your Customers and Competition will be there—Make sure you are too!

YOU ARE INVITED TO EXHIBIT AT THE

IEEE BiCMOS and Compound Semiconductor Integrated Circuits and
Technology Symposium (BCICTS)

www.bcicts.org



IEEE



OFFICIAL INVITATION FROM THE CONFERENCE CHAIR

Dear Prospective Exhibitor,

It is with great pleasure that we welcome you to be a part of the 2019 IEEE BiCMOS and Compound Semiconductor Integrated Circuits and Technology Symposium (BCICTS). After 39 years of the Compound Semiconductor IC Symposium (CSICS), 32 years of the Bipolar/BiCMOS Circuit and Technology Meeting (BCTM), and a very successful debut in 2018, the new combined symposium will be held on Sunday November 3 to Wednesday November 6 at the Loews Vanderbilt Hotel in Nashville, TN.

BCICTS brings a long history of international gatherings where distinguished experts present their latest results in bipolar, SiGe BiCMOS, and compound semiconductor circuits, devices, and technology. There are no other events in the world where you can see leading edge bipolar/BiCMOS devices and technology, 5G ICs, GaN HPAs, InP THz PAs, optical CMOS/SiGe transceivers, GaN HEMT power devices, and advances in compact modeling all presented together.

BCICTS includes presentations from submissions contributed worldwide on all aspects of these technologies. Topics span process technology, device advances, TCAD modeling, compact modeling to IC design and testing, high-volume manufacturing, and system applications. BCICTS 2019 will also feature the very latest results in RF/microwave, millimeter-wave, THz, analog mixed signal, and optoelectronic integrated circuits.

On Sunday November 3rd, BCICTS offers a topical short course and a primer course. Taught by leading experts, the short course is intended for both technologists and IC designers who seek a comprehensive understanding of the latest industry trends and techniques. The primer course is intended to be a tutorial which introduces key concepts, techniques and practices for RF and high-speed circuit design.

As a complement to the technical program, the symposium includes numerous social events that allow participants to interact and network in a friendly, relaxed setting. These events include the Monday Evening Exhibition Opening Reception, and the Technology Exhibition Luncheon on Tuesday. BCICTS will also offer a banquet on Tuesday evening.

We would like to thank the many dedicated volunteers on the BCICTS Committee, and the generous support of the IEEE Electron Devices, Microwave Theory and Techniques, and Solid-State Circuits Societies. Finally, we look forward to interacting with all participants to create a new and exciting symposium tradition!

We look forward to welcoming you to the BCICTS Exhibition in 2019.

Sincerely,

2019 IEEE BCICTS Symposium Co-Chairs

Peter Zamparadi

Sorin Voinigescu

2019 IEEE BCICTS Exhibition Chair

Robert Howell

rs.howell@ngc.com



CONFERENCE HIGHLIGHTS

CONFERENCE SCOPE

The 2019 IEEE BiCMOS and Compound semiconductor Integrated Circuits and Technology Symposium (BCICTS) is the IEEE-approved merger of the Bipolar/BiCMOS Circuits and Technology Meeting (BCTM) and the Compound Semiconductor IC Symposium (CSICS). BCICTS is the forum for developments in bipolar, BiCMOS, and compound semiconductor circuits, devices, and technology. Coverage includes all aspects of the technology, from materials, device fabrication, device phenomena, TCAD modeling, compact modeling, integrated circuit design, testing, and system applications. A wide range of integrated circuit technologies are covered including bipolar and field-effect transistors realized in materials such as SiGe, GaAs, GaN, InP, SiC. The latest results in wireless, analog, RF, microwave, high-speed digital, mixed signal, optoelectronic, millimeter wave, and THz integrated circuits are embraced. Specific technical areas of interest include:

- Innovative RFIC and mm-wave IC Device & Circuit Concepts
- Millimeter-wave/High-Speed IC Circuit Design & Fabrication
- Manufacturing Process Technology & Cost Issues
- CAD/CAM/CAT Tools & Techniques
- IC Testing & Methodology
- Packaging Technology
- Reliability
- Advanced Device Applications
- Advanced Process Technologies
- System Applications (e.g., wireless, vehicular, radar, military)
- Optoelectronic and OEIC applications

High quality technical papers will be selected from worldwide submissions for oral presentation and publication in the Symposium Digest. Invited papers on topics of current importance will complete the program.

OFFICIAL CONFERENCE DATES

Sunday, November 3 – Wednesday, November 6

LOCATION

Loews Vanderbilt Hotel
2100 West End Ave
Nashville, TN 37203

KEY DEADLINES

Paper Submission
May 3, 2019

Booth Rental Early Registration
before June 17, 2019

Booth Rental Regular Registration
after June 17, 2019

Exhibitor Payment Due
September 19, 2019

Hotel Reservation Cut-off
September 19, 2019 at 5:00 PM PST

INTERESTED IN EXHIBITING?

Contact:

Candi Wooldridge
303-530-4562
candi@mpassociates.com

CONNECT & NETWORK WITH...



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Cisco Systems
City College of New York
Columbia University
Community Economic Re-Development Agency
Compound Semiconductor
Concordia University
Consulting PG
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DARPA
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Eindhoven University of Technology
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GLOBALFOUNDRIES
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Hewlett Packard Enterprise
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IMS Lab - University of Bordeaux
Infineon

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Nagoya Institute of Technology
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NEC Corporation
NGC
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North Carolina State University
Northrop Grumman
NTT Corporation
NTT DOCOMO, INC.
NuvoTronics
NXP Semiconductors
Obsidian Microwave
OMMIC
Orbital ATK
Oregon State University
Peregrine Semiconductor Corp.
Princeton University
Qorvo
Qualcomm
Quick-Pack
Raytheon
RF Communications
RF Micro Devices
Richwave Technology Corp.
Rockwell Collins
Rohde & Schwarz
Ruhr-University Bochum
Rutgers University
Saarland University
Salesian Polytechnic
Sandia National Laboratories

SanDisk
Semtech
Silvaco, Inc.
Singapore University of Technology and Design
Skyworks
Sonnet Software Inc.
Sony Semiconductor Solutions Corp
SRI INTERNATIONAL
State University of New York at Buffalo
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StratEdge Corp.
Strategy Analytics
Sumitomo Electric Industries, Ltd.
SunEdison Semiconductor
Technische Universität Dresden
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Teledyne Scientific Company
Texas Instruments, Inc
Texas Tech University
The Ohio State University
The University of Texas at Tyler
The University of Tokyo
TNO
Toshiba Corporation
TOSHIBA Memory Corporation
TowerJazz
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TU Dresden
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University of California Irvine
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University of California San Diego
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University of Colorado
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University of Notre Dame
University of Paderborn
University of Southern California
University of Stuttgart
University of Toronto
University of Twente
University of Waterloo
University of Wisconsin-Madison
University of Zagreb
University Paderborn
Virginia Diodes
Virginia Tech
Wolfspeed
XLIM Institute



SPONSORSHIP OPPORTUNITIES

BCICTS Banquet Sponsor

Banquet Sponsor

Cost: \$10,000

- Signage onsite at the banquet
- Acknowledgment included within the banquet page of the advance program
- 2 additional tickets to the banquet
- Acknowledgement from the General Chair's at the Banquet

BCICTS Silver Sponsor

Silver Sponsor *without exhibit Booth:*

Cost: \$4000

Silver Sponsor *with exhibit Booth:*

Cost: \$5000

- Benefit: Sponsors a coffee break and will include a banner with the sponsoring company's logo
- Includes Silver sponsorship publicity on the Symposium Website and the Advance Program

Additional Sponsors Benefits

- On symposium webpage www.bcipts.org with link
- At the registration desk
- In the technical program overview slides
- On all technical session title slides
- In the Advanced Program and in the technical digest of papers

BCICTS Gold Sponsor

Gold Sponsor *without Exhibit Booth*

Cost: \$7500

Gold Sponsor *with Exhibit Booth*

Cost: \$8000

- Benefit: Sponsors the Exhibition Opening Reception and will include a sign with the sponsoring company's logo
- Includes Gold sponsorship publicity on the Symposium Website and the Advance Program

BCICTS BRONZE Sponsor

Bronze Sponsor *without exhibit Booth:*

Cost: \$2000

Bronze Sponsor *with exhibit Booth:*

Cost: \$3000

- Includes Bronze sponsorship publicity on the Symposium Website and the Advance Program

Sponsor Opportunities Promotional opportunities are available on a first-come, first-serve basis. Reserve the opportunities that spotlights your company's name and start preparing for your company's exposure at the event. To receive additional information on these opportunities **PLEASE CONTACT:**

Candi Wooldridge

303-530-4562

candi@mpassociates.com



MORE SPONSORSHIP OPPORTUNITIES

Name-Badge Lanyard: \$1,100

By providing the badge lanyard your company will be seen everywhere throughout the length of the event. It will be given to each attendee and exhibitor when they pick up their badge.

This opportunity includes:

- Your company logo on the lanyard
- Your company logo and sponsorship status recognized on:
 - Web page
 - Page in the Conference Program

**Production of the lanyard is included.*

Conference Delegate Bag: \$2,100

This exclusive sponsorship features your logo along with the BCICTS logo on each Delegate Bag. All registered attendees receive a bag.

This opportunity includes:

- Your company logo on the Conference Bag
- Your company logo and sponsorship status recognized on:
 - Web page
 - Page in the Conference Program

**Production of the Conference Bag is included.*

Banner Ad (on BCICTS.org home page): \$600

Have your company logo seen every time an attendee visits the BCICTS website. This is great exposure for your company. Time frame on homepage depends on signing of contract. Accepted banner ad formats include jpg, png, or gif.

This opportunity includes:

- Your custom 280x125 banner ad on the BCICTS home page
- The banner ad will link to your website

Hotel Keycard: \$1,100

Hotel key cards at the Loews Vanderbilt Hotel will include your logo on front of key card.

This opportunity includes:

- Your logo and sponsorship status recognized on front of Key Cards
- Your company logo and sponsorship status recognized on
 - Web page
 - Page in the Conference Program

Submit via Fax or Email:

MP Associates, Inc.
candi@mpassociates.com
+1 303-530-4334 (fax)
+1 303-530-4562 (phone)

Payment Options:

Contact Candi Wooldridge at MP Associates for payment options. candi@mpassociates.com

Contact Name

Company Name

Telephone

Email

Signature



2019 IEEE BCICTS TECHNOLOGY EXHIBITION

Sponsorship Contract

November 4-5, 2019
Nashville, TN

Reserve your Sponsorship package for the IEEE BiCMOS and Compound Semiconductor Integrated Circuits and Technology Symposium Technology Exhibition, to be held at the Loews Vanderbilt Hotel in Nashville, TN, November 4-5, 2019. We understand that this application becomes a contract when signed by us and accepted by Show Management.

(Please type or print)

FIRM NAME _____ WEBSITE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____ COUNTRY _____

CONTACT NAME _____ E-MAIL _____

PHONE _____ FAX _____

Sponsorships	GOLD SPONSOR	GOLD SPONSOR	SILVER SPONSOR	SILVER SPONSOR
	W/O EXHIBIT BOOTH	W/ EXHIBIT BOOTH	W/O EXHIBIT BOOTH	W/ EXHIBIT BOOTH
<i>Mark the corresponding circle</i>	\$7,500	\$8,000	\$4,000	\$5,000

Sponsorships	BRONZE SPONSOR	BRONZE SPONSOR	BANQUET SPONSOR (\$150/HEAD)
	W/O EXHIBIT BOOTH	W/ EXHIBIT BOOTH	
<i>Mark the corresponding circle</i>	\$2,000	\$3,000	\$10,000

NUMBER OF 8' X 10' EXHIBIT SPACE(S) REQUESTED _____ AMOUNT ENCLOSED: \$ _____

Payment Options:

Contact Candi Wooldridge at MP Associates for payment options. candi@mpassociates.com

PHONE: 303-530-4562
FAX: 303-530-4334
E-MAIL: candi@mpassociates.com

FOR OFFICIAL USE ONLY
Application Received: _____
Amount Received: _____
Amount Due: _____
Booth #'s Assigned: _____

PLEASE SIGN HERE:
Firm Name: X _____
By: X _____ <i>Authorized Signature</i>
By: _____ <i>Show Management - MP Associates, Inc.</i>



EXHIBIT OPPORTUNITES

YOUR BOOTH RENTAL INCLUDES

UNTIL JUNE 17, 2019	AFTER JUNE 17, 2019
\$1,800	\$2,100

- 8'X10' draped booth space for duration of exhibition (Monday & Tuesday)
- Table, two chairs, 500 Watt/120 V Power Drop
- Complimentary WiFi in the Exhibition Area
- Inclusion in the onsite printed exhibitor listing
- Company logo, description, and link on the conference website
- Mention in September symposium publicity articles
- List of symposium attendees consenting to share contact details (*approx. 65% of attendance*)
- One exhibitor badge with full access to all technical sessions, short courses and social events
- One exhibitor badge with access to all social events on Monday & Tuesday (*during the exhibition*)
- Extra full access exhibitor badge is \$300, Banquet not included
- Extra exhibitor badge for Monday & Tuesday social events is \$200

TENTATIVE EXHIBIT HALL HOURS

	Day	START	END
<i>Exhibit Setup</i>	Monday, November 4	7:30am	10:30am
<i>Exhibitor move-in</i>	Monday, November 4	11:00am	2:00pm
<i>Exhibit Hours</i>	Monday, November 4	4:30pm	7:30pm
<i>Welcome Reception</i>	Monday, November 4	6:00pm	7:30pm
<i>Breakfast with Exhibitors</i>	Tuesday, November 5	7:30am	8:30am
<i>Lunch with Exhibitors</i>	Tuesday, November 5	12:00pm	1:30pm
<i>Exhibitor move-out</i>	Tuesday, November 5	3:30pm	5:30pm

Schedule is subject to change

All Symposium Social Events During Exhibitor Hours are held in the Exhibit Hall.



2019 IEEE BCICTS TECHNOLOGY EXHIBITION

Exhibitor Contract

November 4-5, 2019
Nashville, TN

Reserve space for our exhibit at the IEEE BiCMOS and Compound Semiconductor Integrated Circuits and Technology Symposium, to be held at the Loews Vanderbilt Hotel in Nashville, TN, November 4-5, 2019. We understand that this application becomes a contract when signed by us and accepted by Show Management. We agree to abide by the Terms and Conditions on the following page hereof.

(Please type or print)

FIRM NAME _____ WEBSITE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____ COUNTRY _____

CONTACT NAME _____ E-MAIL _____

PHONE _____ FAX _____

Rental Fees	BY JUNE 17, 2019	AFTER JUNE 17, 2019
	\$1,800	\$2,100

NUMBER OF 8' X 10' EXHIBIT SPACE(S) REQUESTED _____ AMOUNT ENCLOSED: \$ _____

Payment Options:

Contact Candi Wooldridge at MP Associates for payment options. candi@mpassociates.com

PHONE: **303-530-4562** • FAX: **303-530-4334**
E-MAIL: candi@mpassociates.com

Space Assignment: We realize it is not always possible to be assigned the specific space requested; however, the following will give an indication of our preference: *(review Exhibit Hall/Booth Floor Plan for preference)*

Space Choices: _____ We would NOT like to be next to or across from: _____
1ST _____
2ND _____
3RD _____

For multiple booths, please indicate all booth numbers desired in configuration.

FOR OFFICIAL USE ONLY
Application Received: _____
Amount Received: _____
Amount Due: _____
Booth #'s Assigned: _____

PLEASE SIGN HERE:
Firm Name: X _____
By: X _____ <i>Authorized Signature</i>
By: _____ <i>Show Management - MP Associates, Inc.</i>

2019 IEEE BCICTS TECHNOLOGY EXHIBITION

EXHIBITOR TERMS AND CONDITIONS



1. Exhibit Space Assignment. Exhibit space will be assigned by show management ("MP Associates, Inc.", agent for the IEEE BCICT Symposium organization) in accordance with the desires of the exhibitor for specific spaces and locations of direct competitors. Exhibit space assignment will be confirmed after full payment is received by show management. After the assignment, exhibit space location may not be changed or sublet or shared without the approval of show management and the exhibitor.

2. Exhibit space rental fee. See application form for rental fees schedule. Included in the cost of each booth rental is an 8' x 10' area with draped back and side rail dividers and an I.D. sign consisting of company name and booth number. Furniture, custom carpeting or equipment rental will be provided by the official decorator at an additional cost.

3. Cancellation. Cancellation of exhibit space must be made in writing. In the event of the cancellation of this contract by the applicant prior to the date of this show, show management may assess a cancellation charge according to the following schedule:

Cancellation after August 1, 2019:	100% Booth Rental
Cancellation after July 3, 2019:	50% Booth Rental

Show management reserves the right to reassign such canceled spaces. If this application is not accepted by show management, the applicant will be promptly notified and the monies returned. If the sponsoring organization decides to cancel the exhibit for any reason, all monies collected from exhibitors shall be fully refunded and exhibitors shall not seek any claim whatsoever against show management for expenses incurred prior to show's cancellation.

4. Use of exhibit booth. Show management reserves the right to restrict exhibits which, because of noise, method of operation, materials or for any other reason become objectionable, and also to prohibit or remove any exhibit which, in the opinion of show management may detract from the general character of the exposition as a whole. This reservation includes persons, things, conduct, printed matter, or anything which show management determines is objectionable. In the event of such restriction or removal, show management shall not be liable for any refunds or any exhibit expenses. Booths cannot be shared by two or more companies, unless they have a project or product in common which is being displayed at the show.

5. Booth Personnel. Booth must be staffed at all times during the official show hours. Exhibitor badges must be worn at all times in the exhibits area.

6. Dismantling. No exhibitor will be allowed to dismantle any part of his/her exhibit until the official closing of the show.

7. Security. 24 hour security will be provided by show management to prevent the entry by unauthorized persons. However, this service does not guarantee the exhibitors against loss or damage from any cause whatsoever, nor does it imply an assumption of liability by show management.

8. Liability. The IEEE BCICT Symposium organization and/or its agents shall not be responsible for any loss, theft, damage to the property of the exhibitors, his/her employees or representatives. Further, show management will not be liable for damage or injury to persons or property during the term of this agreement, nor for any claims, governmental charges or fines or attorney's fees arising out of or caused by exhibitor's installation, removal, maintenance, occupancy or use of the exhibition premises or part thereof, or from any other cause whatsoever by reason of the exhibit space by the exhibitor or his/her assigns. The exhibitor shall indemnify and hold show management, convention center, hotel, agents, affiliates, directors, officers, servants and employees harmless from all or any liability or such losses, damages or claims which may ensue from any cause, including as a result of strikes, riots, acts of God, terrorism, or any other cause beyond its control.

9. Shipping. All exhibitors must follow shipping instructions to show site as provided by show management. Show management nor the facilities will accept any responsibility for lost or delayed shipments which have been sent to a different address such as their hotel or directly to the show site.

If the exhibitors material fails to arrive, or due to other causes beyond his/her control is prevented from using his/her space, the exhibitor is nevertheless responsible for his/her space rental. Exhibitors are advised to carry special insurance to cover exhibit material against damage or loss, and public liability insurance against injury to the person and property of others.

COMPLIMENTARY/ADDITIONAL REGISTRATION

November 4-5, 2019
Nashville, TN



Complimentary Exhibits Only Attendee

Name _____

Email Address _____ Phone _____

Complimentary Full Week Attendee

Name _____

Email Address _____ Phone _____

Additional Full Access or Partial Access Attendees

Full Access Partial Access

Name _____

Email Address _____ Phone _____

Full Access Partial Access

Name _____

Email Address _____ Phone _____

Full Access Partial Access

Name _____

Email Address _____ Phone _____

Full Access Partial Access

Name _____

Email Address _____ Phone _____

Full Access Partial Access

Name _____

Email Address _____ Phone _____

Payment Options:

Contact Candi Wooldridge at MP Associates for payment options. candi@mpassociates.com

MP ASSOCIATES, INC.
PHONE: 303-530-4562
FAX: 303-530-4334
EMAIL: candi@mpassociates.com