

*North America's Largest Metal Forming,  
Fabricating, Welding and Finishing Event*



# FROM **START** TO **FINISH**

REGISTER TODAY  
AND SAVE \$50!  
[fabtechexpo.com](http://fabtechexpo.com)



November 14-17, 2011 | McCormick Place | Chicago, IL

## PRELIMINARY BROCHURE

### INSIDE:

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# MORE THAN A TYPICAL EXPOSITION

FABTECH is your comprehensive resource for exploring the latest industry products and developments, meeting with world-class suppliers, and discovering solutions to all of your metal forming, fabricating, welding and finishing production needs. Four days, jam-packed with the latest innovations, equipment demonstrations, education, special events, new business connections and more. Start by bringing your most pressing production challenges, and finish with the tools and knowledge you require to compete in today's ever-changing, fast-paced marketplace. Join us this November 14-17 and find out why FABTECH is THE key resource for the metal manufacturing industry.

## Here's what's in it for you:



### CONVENIENCE

Evaluate thousands of products from all over the world, in one easily accessed location.



### INNOVATION

Preview hundreds of new product debuts and the most leading-edge technology.



### EDUCATION

Enhance your professional development during 100+ educational programs led by top-notch experts.



### NETWORKING

Meet face-to-face with product experts, industry colleagues and potential partners.



# HANDS-ON ACCESS YOU WON'T GET ANYWHERE ELSE

See equipment and services from these technologies:

Arc Welding  
Assembly

Bending & Forming  
Brazing & Soldering

Business Services

Coil Processing

Cutting

Fastening & Joining

Finishing/Paint &  
Powder Coating

Finishing/Plating

Gases & Gas  
Equipment

Hydroforming

Inspection & Testing

Job Shop/  
Contract Mfg.

Lasers

Lubrication

Maintenance & Repair

Material Handling

Metal Suppliers

Plate & Structural

Fabricating

Press Brakes

Punching

Resistance Welding

Robotics

Roll Forming

Safety &  
Environmental

Saws

Software,  
Machine Controls

Stamping

Thermal Spraying

Tool & Die

Tooling

Tube & Pipe Fabricating  
or Welding

Tube & Pipe  
Producing

Welding Consumables

Welding Machines

Register **TODAY** for **FREE Admission**. Use the registration form on page 21 or easy online registration at [fabtechexpo.com](http://fabtechexpo.com)

## ONE BADGE, TWO SHOWS

**FREE Admission to the Automation Fair from Rockwell Automation**

Your FABTECH show attendee badge also gives you access to the Automation Fair on Wednesday, November 16 and Thursday, November 17, 2011, at no extra charge. Located in the West Building at McCormick Place, the Automation Fair features advanced automation products, integrated control and information architecture. To find out more about the Automation Fair, visit [rockwellautomation.com](http://rockwellautomation.com).

## FABTECH SHOW DATES AND HOURS

**Monday, November 14**

10:00 a.m. – 6:00 p.m.

**Tuesday, November 15**

9:00 a.m. – 5:00 p.m.

**Wednesday, November 16**

9:00 a.m. – 5:00 p.m.

**Thursday, November 17**

9:00 a.m. – 3:00 p.m.

# INTERACT WITH THE PRODUCTS AND PEOPLE THAT MAKE IT HAPPEN

FABTECH maximizes your time by gathering more than 1,200 of the industry's best and most qualified suppliers under one roof. They know the industry, understand your objectives, and are ready to help you take your business to where you need it to be. Take advantage of the opportunity to meet these professionals face-to-face! Exhibitor list by pavilion as of 7/14/11; go to [fabtechexpo.com](http://fabtechexpo.com) for the most up-to-date list of FABTECH exhibitors.

## Finishing

Abrasive Blast Systems LLC  
(ABS Blast)  
Abtex Corp  
Acme Finishing Co  
ACT Test Panels LLC  
AFC Finishing Systems  
Alko Nobel  
Almond Products Inc  
American Finishing Resources  
Anest Ivata USA Inc  
Associated Rack Corp  
Assured Testing Services  
Baril Coatings USA  
Big C Dino-Lite Scopes  
Binks, DeVilbiss,  
Ransburg, BGK  
Bulk Chemicals Inc  
Calvary Industries Inc  
Cardinal Paint and Powder  
Carpenter Chemicals LC  
Catalytic Industrial Systems  
CFCM Canadian Finishing &  
Coatings Manufacturing  
Chemco Manufacturing  
Company, Inc.  
Chemetal US Inc  
Chemical Coaters Assoc Int'L  
Clean Air Consultants/Filter 1  
ClearClad Coatings LLC  
Coil World Magazine  
Col-Met Spray Booths Inc  
Combustion and Systems Inc  
Coral Chemical Co  
Decoral System USA Corp

## Finishing

Defelsko Corp  
Diamond Vogel Paints  
A J Dralle Inc  
DuBois Chemicals  
DuPont Industrial  
Coating Solutions  
Durr EcoClean Inc  
Eaton Fabricating Co Inc  
EIC Group Inc  
Eisenmann Corp  
ElektroPhysik USA Inc  
The Electrocoat Association  
EXEL North America  
Fanuc Robotics  
Filter-Doc Corp/FD Services Inc  
Fischer Technology Inc  
Fostoria Process Equipment  
Galaxy Associates Inc  
General Automatic Transfer  
General Fabrications Corp  
Global Finishing Solutions  
Graco Inc  
Guspro Inc  
Haynncorp Industrial  
Finishing Solutions  
Hentzen Coatings Inc  
Herr Industrial Inc  
Hubbard-Hall Inc  
In Line Sieve  
Industrial Heating  
Equipment Association  
Infratrol Manufacturing Corp  
IntelliFinishing  
Jessup Engineering Inc  
Jit Powder Coating Co

## Finishing

KMI Systems Inc  
George Koch Sons LLC  
Kolene Corporation  
LDPI Inc  
LPI Inc  
Magic Rack/Production  
Plus Corp  
MetoKote Corp  
Midwest Finishing Systems Inc  
Mighty Hook Inc  
NCP Coatings Inc  
NIC Industries Inc  
Nordsorp Corp  
Northern Coatings & Chemical  
Parker Ionics  
PKG Equipment Inc  
Pneu-Mech Systems  
Manufacturing Inc  
Pollution Control Products Co.  
Porcelain Enamel Institute Inc  
Powder Coating  
Powder Coating Consultants  
PPG Industries  
Precious Plate Inc  
Precision Quincy Corp.  
Pretreatment Equipment Mfg Inc  
Prime Coatings  
Products Finishing Magazine  
Rapid Engineering  
Red-Ray Manufacturing Co Inc  
RoboVent Product Group  
Shercon Inc  
SMS Group  
Southern Systems Inc  
Spray Tech

## Finishing

Steelman Industries Inc  
T & S Enterprises Inc  
Therma-Tron-X Inc  
Thierica Equipment Co  
Trimac Industrial Systems  
Uni-Spray Systems Inc  
Vulcan Catalytic Infrared  
Oven Systems  
Wagner Distributor Network  
Wagner Industrial Solutions  
Walgren Co  
Walther Pilot North America  
Jervis B Webb Co  
Webb-Stiles Co  
World Economic  
Development Alliance

## Forming & Fabricating

A & A Manufacturing Co  
A&V Waterjet Tech Inc  
Accurpress America Inc  
Accustream Inc  
AceCad Software  
Acme Refining  
Acrotech Inc/DI-Acro  
ADIRA SA  
Advanced Manufacturing  
Solutions LLC  
Aesthetic Finishers Inc  
AKS Cutting Systems Inc  
Akyapak  
Alabama Power Co  
Albion Industries

*"You can't get this experience from going to the internet. The benefit is being able to ask questions and touch the technology, these guys are the experts. Everything you need regarding metal fabrication is at FABTECH...from start to finish, basically a one-stop-shop. I was able to find the right piece of equipment for our facility, have it up and running, and save on production costs within weeks of visiting the show."*

**Attendee Steve Tyler**  
Plant Manager, Joy Mining Machine

## Forming & Fabricating

Alma Cam USA LLC  
Alro Steel Corporation  
Alternative Parts Inc  
AM Machinery Sales  
AM Vaerktoj  
Amada America Inc  
American Express Open  
American Punch Co  
Anchor Danly  
Arbor Image Corp  
ARKU Coil Systems Inc  
Arro-Mark Co LLC  
Arrowhead Manufacturers & Fabricators Assoc  
ASKO Inc  
ATEK Corp  
ATEXOR Clinch Systems SA  
Automec Inc  
AZZ Galvanizing Services  
B&K Systems, A Member of the Formtek Group  
Bad Dog Tools  
BandSawParts.com  
Barton  
Baykal Makina Sanayi ve Ticaret AS  
Beckhoff Automation  
Behringer Saws Inc  
Bestar LLC  
Betenbender Manufacturing Inc  
Blitz Vibration Technology Inc  
Blastec Inc  
Bosch Rexroth Corp  
Boschert Precision Machinery Inc  
Boulder Imaging  
Bowlin Engineering  
Box on Demand by Plymouth Packaging  
The Bradbury Group  
Braner USA, Inc.  
Bunting Magnetics Co  
Burghardt + Schmidt GmbH  
Burr King Manufacturing Co  
Butech Bliss  
BUWW Coverings Inc  
Bystronic Inc  
Bytewise Measurement Systems  
C Marshall Fabrication Machinery  
Cagle Industrial Maintenance  
Cambio Inc  
Carell Corp/  
Eagle Bending Machines  
Carestream Health Inc  
Cedar Valley Region of Iowa  
CH Steel Solutions Inc  
Chicago Slitter  
China Council Promotion Of Int'l Trade Machinery Sub-Council (CCPIT MSC)  
Cidan Machinery Inc  
CIMID Corp  
Cleveland Punch & Die Co  
Cleveland Steel Tool Co  
CMF  
CML USA Inc Ercolina

## Forming & Fabricating

Coherent Inc  
COLE-TUVE Inc  
Comblift USA  
COMEQ Inc  
CONCOA Inc  
Controlled Automation Inc  
Cordstrap USA Inc  
Corporate Finance Associates - Chicago  
Cosen Saws USA  
Costa & Grissom Machinery Co  
The Crosby Group  
Cut Technologies Metal LLC  
CVI Melles Griot  
Dahlstrom, A Member of the Formtek Group  
Dake Corporation  
Dalmeec Inc  
Danobat - Goiti  
Darex LLC  
data M Sheet Metal Solutions GmbH  
DAVI Inc  
DCM Tech Inc  
Design Data  
Diamond Saw Works Inc  
Dimeco Alipresse  
DoALL Sawing Products  
Docmagnet Inc  
Doringer Cold Saws  
Dr Shrink Inc  
Durma/SCA  
Dynabrade Inc  
Dynamic Systems Inc  
Eberle America Inc  
ECI M1  
Econco  
Edwards Manufacturing Co  
EHRT North America/  
Porth Products Co  
Elumatex North America Inc  
Emmegi USA Inc  
Enco Manufacturing Co  
Enutron International  
Epicor Software Corp  
Epilog Laser Corp  
EQUIPOIS Inc  
Ergotech Inc  
Eriez Magnetics  
Ermak USA Inc.  
ESAB Welding & Cutting Products  
Euromac/Metal Finish LLC  
Eurotec Engineering Inc  
Expansion Solutions Magazine  
The Extractor  
Fab Supply Inc  
Fabricating & Metalworking Magazine  
Fabricators & Mfgs Assoc  
Faccin USA Inc  
FANUC FA America  
Farley Laserlab  
FARO Technologies Inc  
Felton Inc  
FF Journal magazine  
Ficpe Corporation

## Forming & Fabricating

5S Supply  
Fladder-Hansen & Hundebol Inc  
FlexArm Inc  
FLOW INTERNATIONAL CORP  
Focus Technology Co Ltd (Made-in-China.com)  
FomUSA  
Formtek Metal Forming & Hill Engineering  
Friggi N.A Inc  
Frohn North America Inc  
Galaxy Associates Inc  
Gasparini S.p.A.  
GE Mathis Co  
Generon IGS  
Gerber Technology  
GINGRAS/Machinerie G A S  
Global Shop Solutions  
GMA Garnet USA Corp  
Goff Inc  
Gorbel Inc  
Grand International - Yangli  
H2O.JET Inc  
Haco - Atlantic Inc  
Haeger Inc  
Haeusler AG  
Halifax Rack & Screw  
Hangzhou Xiangsheng Abrasive Machine Manufacturing Co Ltd  
Han-Kwang USA, Inc.  
Han's Laser Technology Co Ltd  
Hans Weber Sales and Service Corp  
HE&M Saw Inc  
Heck Industries  
Henkel Corp  
Hermes Abrasives Ltd  
HGG Profiling Equipment  
Hill Engineering, A Member of the Formtek Group  
Hiwin Corp  
Hougen Manufacturing Inc  
Hyd-Mech Group Ltd  
Hypertherm Inc  
II-VI Infrared  
IMSM Inc  
Industrial Machine Trader  
Industrial Machinery Digest  
Industrial Magnetics Inc  
Industrial Market Place  
Industrial Molded Rubber Products  
InfoSight Corp  
International Knife & Saw Inc  
IRON SpA  
Iroquois Ironworkers Inc  
ISB Group  
Iturraspe  
ITW GaleWrap  
J.W. Winco, Inc.  
JD Squared  
Jet  
Jet Edge  
JETCAM-NestONE Solutions  
The Job Shop Company  
Jobscope Corp ERP  
Jorgenson Machine Tools

## Forming & Fabricating

Kalamazoo Machine Tool  
Kasto Inc  
Kent Corp  
Kentucky Gauge Hymark  
Kern Lasers  
Ketec Precision Tooling Co LTD  
Kinetic Cutting Systems Inc  
Klingelhofer Corp  
KMT Waterjet Systems Inc  
KNUTH Machine Tools USA Inc  
Koolant Coolers by Dimplex Thermal Solutions  
Koyo Giken Inc  
Kunshan Greatloy Co Ltd  
Lambda Research Optics Inc  
Lampre SRL  
Lancer Laser Tech Ltd  
Lantek Systems Inc  
Laser Experts Inc  
Laser Mechanisms Inc  
Laser Research Optics  
Lasera Technology Corp  
LaserGuide Inc  
LaserStar Technologies Corp  
Lazer Safe North America  
LENOX  
Leveltek  
Linemaster Switch Corp  
Lissmac Corp  
LS Industries Inc  
The LS Starrett Co  
LT Ultra Precision Optics  
LumaMech Systems LLC  
LVD Strippit  
Ma Tech USA Ltd  
Machine Concepts Inc  
Machinery Dealers National Assn.  
Magestic Systems Inc  
Main Steel Polishing Co Inc  
Manufacturers' News, Inc.  
Manufacturing News  
Marvel Manufacturing Co  
Master America Corp  
Master Magnetics  
Mate Precision Tooling  
Matrix Measuring Systems  
Mazak Optonics Corp  
MB Metal Technologies  
Measurement Systems International  
Mecco Marking & Traceability  
MegaFab  
Messer Cutting Systems  
Metal Workers Marketplace Punch Press  
Metalix CAD/CAM Ltd  
MetalMation Inc  
Metcast Service Tech Resources  
Metform International Ltd  
Midwest Group One  
Midwest Tool Inc  
MIE Solutions Inc  
Mitsubishi/MC Machinery Systems Inc  
The M. K. Morse Company  
MMT International

## Forming & Fabricating

MultiCam Inc  
Multicyl Inc  
Murata Machinery USA Inc  
Nebraska Public Power District  
Netherlands Consulate General  
Nike Machinery Co Ltd  
Nitto Kohki USA Inc  
Norlok Technology Inc  
Nufern  
Ocean Machinery Inc  
Ohio Laser LLC  
OMAX Corp  
OmegaCube Technologies  
On Site Gas Systems Inc  
Oncor  
Ophir Optics, LLC  
OR Lasertechnology Inc  
Osborn-JacksonLea  
Pangborn Corp  
Pannier Corp  
Paragon Laser Systems  
Parker domnick hunter  
PASS Punch & Die Inc  
Pat Mooney Inc  
Peddinghaus Corp  
PEP Technology  
Perfection Machinery Sales Inc  
Peter Prinzling GmbH  
Phillips Saw & Tool Inc  
Phinney Tool & Die Co.  
Phoenix Metals Co  
Pivatic  
Polaris Transportation  
Polyurethane Products Corp  
Power Automation America  
Preco Inc  
Prestige Equipment Corporation  
Presto Lifts Inc  
PRIMA Finn-Power  
North America Inc  
Project Tool & Die Inc  
Promotec Srl  
Purple Trout LLC  
PythonX-Burlington Automation  
Quickmill Inc  
Radan - A Planit Company  
RAS Systems LLC  
Red Bud Industries  
Richardson Electronics Ltd  
Riteway Brake Dies Inc  
RMI Laser LLC  
RMS Omega Technologies  
Rocky Mountain  
Instruments Co (RMI)  
Rofin-Sinar Inc  
Roll Forming Corp  
Rosler Metal Finishing USA LLC  
RUF US Inc  
Ruko Tool Inc  
Salvagnini America Inc  
Samson Roll Formed Products  
Sanyog Automation Inc  
Schmolz + Bickenbach USA Inc  
Scotchman Industries Inc  
Semy LLC  
Sertom Group  
North America LLC

## Forming & Fabricating

Shanghai ACL CNC Machine Tool  
Shanghai Zhong Jing Corp  
Shop Data Systems Inc  
Shoptech Software  
Sideros Engineering Srl  
SigmaTEK Systems LLC  
SNIPS Magazine  
Society of Manufacturing  
Engineers  
Solar Atmospheres  
Soutec LTD  
SPANCO, Inc.  
Steel Business Briefing  
Steel Storage Systems Inc  
STOBER Drives Inc  
Stoelting LLC  
Striker Systems  
Studio Eleven/Vivid Mfg Group  
Superior Controls  
Sweed Machinery Inc  
Tallift Co Ltd  
Taiwan External Trade  
Development Council  
Tapeswitch Corp  
TECHNI Waterjet  
Technical Translation Svc  
Technomagnete Inc  
Tennessee Galvanizing Inc  
Thermal Care  
TigerStop LLC  
Timesavers, Inc  
Tishken, A Member of the  
Formtek Group  
Todays Industrial Products  
& Solutions  
Travelers Companies Inc  
Trilogy Machinery Inc  
Triple Crown Products  
Tru Cut Saw Inc  
TRUMPF Inc  
Tsune America LLC  
TYKMA Technologies  
UBECO GmbH  
Unipunch Products Inc  
Unittool Punch & Die  
Universal Drilling &  
Cutting Equipment  
Ursviken Inc.  
US Industrial Machinery Co  
V&S Galvanizing LLC  
Viking Blast & Wash Systems  
Vortman Corporation  
VyTek Inc  
W Abrasives  
Walker Magnetics  
Waterjet Service Inc  
Weil Engineering  
North America LLC  
West Virginia  
Development Office  
Wheelabrator Group  
Whistler & Sons Inc, SB  
WIKUS Saw Technology Corp  
Wila USA  
Wilson Tool International  
Wilton  
WuXi Weihua Machinery Co Ltd

## METALFORM

Yoder, A Member of the  
Formtek Group  
Zero Automation by Clemco  
Industries Corp.  
Accurate Die Design Inc  
Logopress Corp  
A-G Tool & Die  
AIDA-America Corp  
Airtoc  
Alcos Machinery Inc  
Alliance Manufacturing Inc  
Alma Machinery Co  
Alpmco Inc  
Ambi Clutches & Joints Corp  
American Roll Form  
Anchor Danly  
AP&T North America Inc  
Arbor Metals  
Associated Spring Raymond  
Autoform Engineering GmbH  
Automated Tapping Systems  
AWP Industries Inc  
Bachhuber Manufacturing Corp  
Bachman Machine Co  
Balluff Inc  
BCN Technical Services  
Beckwood Press Company  
BesTech Tool Corp  
Big Ass Fans  
Bihler Of America  
Bilsing Automation  
North America  
Bohler Uddeholm Corp  
Brown Bogs  
Bruderer Machinery Inc  
Carbi-Tech Inc  
Cedrinor SA deCV  
China Council Promotion Of  
Int'l Trade Machinery Sub-  
Council (CCPIT MSC)  
Christy Metals  
Cimatron Technologies Inc  
Clips & Clamps Industries  
Coe Press Equipment  
Compo Industries  
CPM Tool & Die  
Manufacturer Co Ltd  
CWP, A Member of the  
Formtek Group  
Dallas Industries Inc  
Daubert Cromwell  
Dayton Progress Corp  
DELTA Computer Systems Inc  
Delta Industrial  
DENN - Industrias Puigjaner, SA  
Desch Canada Ltd.  
Die Makers Manufacturing Corp  
Die Tech Services, Inc.  
Diehl Steel Co Inc  
The Diemasters  
Dongsan Engineering Co  
DOU YEE Technologies Ptd Ltd  
DSV/Dynamatic (Drive Source Intl)  
Durable Superior Casters  
Dura-Carb Inc  
DVB Design & Engineering  
Earth-Chain USA

## METALFORM

EAS Mold & Die Change  
Systems Inc  
Ehrhardt Tool & Machine  
Efelner-Lafer Inc  
Engineering Technology  
Associates Inc  
Erasteel Inc  
Erickson Metals Corp  
F & G Tool and Die Co  
Factory Cat  
Feed Lease Corp  
Fibro Inc  
Fong Kai Industrial  
Formdrill USA Inc  
Forming Technologies Inc  
FORMTEK - Maine  
Fuchs Lubricants Co  
General Carbide Corp  
Gerb Vibration Control Systems  
Grand Rapids Machine Repair  
Greenerd Press &  
Machine Company Inc  
Gruber Tool & Die Inc  
Hainan Great Machine  
Tools Co Ltd  
Haitong Metals  
The Heim Group  
Heim Instrument Co Inc  
Hexagon Metrology Inc  
Hilma Division Carr  
Lane Roemheld  
Houghton International Inc  
Industrial Innovations Inc  
International Chemical Co  
International Rollforms Inc  
IonBond  
IQMS  
ISB Group  
Jiangsu Zeen Tooling &  
Stamping Co Ltd  
Jiaxing NYC Industrial Co Ltd  
Kenwal Steel Co  
Kodima Co Ltd  
Komatsu America Industries LLC  
Kosmek USA  
Kyzen Corp  
Lapham-Hickey Steel  
Latrobe Specialty  
Steel Distribution  
Leifeld Metal Spinning AG  
Lenzkes Clamping Tools Inc  
Linear Transfer Automation Inc  
Link Electric & Safety  
LSP Industries Inc  
Lucky Harvest (H.K.) Co Ltd.,  
Xiangxin Automotive  
Component Tool & Die Co., Ltd.  
Macrodynye Technologies Inc  
Magnetic Products Inc  
Manitowoc Tool &  
Manufacturing LLC  
Mayfran International Inc  
Meitai Technology Co Ltd  
Metal Quest Inc  
Metalloid Corp  
The Minster Machine Co  
MJC Engineering &  
Technology Inc

*"As a first time attendee, I didn't expect to see all the equipment actually working on-site and be able to interact with manufacturers and attendees...I called a couple of our engineers, and said 'Man, you guys are missin' it!' I took away several new ideas I implemented into my business right away. And the networking opportunities were unbelievable...one great connection helped me grow my business."*

**Attendee Sue McDonough**  
President, McDonough & Associates, Inc.

## METALFORM

Moeller Manufacturing Co Inc  
MTS Sensors  
Multipress Inc  
Muthing Industries Inc  
Nachi America  
Norwalk Innovation  
Novo Design Group LLC  
Oak Press Solutions Inc  
ODM Tool &  
Manufacturing Co Inc  
OGS Industries  
Ortech Inc  
P&G Fluid Power Inc  
PA Industries  
Pacesetter Systems  
Paulo Products Co  
Pax Products Inc  
Penn United Technology Inc  
PennEngineering  
PEP-Brainin  
Peterson Spring  
Philpott Rubber/  
Lankhorst Mouldings  
Plex Systems  
PMA Awards of Excellence  
PMA Indiana District  
Pottiez America LP  
PRAB Inc  
Precision Metaforming  
Association  
Precision Punch Corp  
Precision Stamping Products Inc  
Precision Steel Warehouse Inc  
Premier Tooling & Mfg Inc  
Press Room Equipment Co.  
Proceco Ltd  
Profil System Inc  
Pronic Inc  
Pryer Technology Group  
Raffin Construction Co  
Rapid-Air Corp  
Ready Technology Inc  
RIFAST Systems LLC  
Rock Valley Oil &  
Chemical Co Inc  
Rolled Metal Products  
Ross Controls  
Rowe, A Member of  
the Formtek Group  
Samco Machinery Ltd  
SB Specialty Metals  
Scherdel Sales & Technology Inc  
Schuler Incorporated  
SelfLube  
Sentry Insurance

## METALFORM

Serapid Inc  
SEVI Presses  
Shenzhen Haiyi Tool & Die Ltd  
Shenzhen SYH Tooling Co Ltd  
ShopEdge Software Inc  
Simba Global Manufacturing Ltd.  
Southern Machinery Repair Inc  
Specialty Strip & Oscillating Inc  
Spectral Systems Inc  
Spectrum Industries Inc  
SST LLC  
Stainless Sales Corp  
StampingSimulation.com Pty Ltd  
Stamtec Presses  
Steel Craft Technologies  
Stripmatic Products Inc  
Superior Die Set Corp  
Superior Roll Forming  
Taylor Made Solutions Inc  
TCT Stainless Steel Inc  
TDS Automation  
Tecnomagnete Inc  
3-D Solutions Design  
Service LLC  
Toledo Blank  
Toledo Integrated Systems  
Topyes Precision  
Metal Products Co Ltd  
Torspec International Inc  
Tower Oil & Technology Co  
Trans-Matic Mfg Co Inc  
Turck Inc  
TWB Company  
Uelner Precision Tools & Dies  
Ulbrich Stainless Steels &  
Special Metals Inc  
Ultra Tool & Manufacturing Inc  
Ultratech Tool & Design Inc  
Unisorb  
Unist Inc  
United Aluminum Corporation  
United Global Sourcing Inc  
United Performance Metals  
Versatility Tool Works & Mfg Co  
Vibro Dynamics Corp  
Vision Tool & Mold Co Ltd  
Voith Turbo Inc  
Vulcan Tool Corp  
Wieland Metals Service Center  
Wilson Tool International  
Wintriss Controls  
Wisconsin Metal Parts Inc  
Wysong Parts and Service  
Zapp Precision Strip

## Tube & Pipe

Abbey International Ltd  
Accurex Measurement Inc  
Addison Machine  
Engineering Inc  
AddisonMckee, Inc  
AIM inc  
Ajax Tocco Magnethermic  
Alpine Bender Machinery  
AltaMAR Inc  
Ameritherm —  
An Ambrell Company  
Ampco Metal Inc  
Aristo Machines Inc  
Bend Tooling Inc  
Berger Gruppe GmbH  
BLM GROUP USA Corp  
Brandt Engineered Products Ltd  
Bronx International Inc  
Bronx Taylor-Wilson  
Bruker Elemental  
Burr Oak Tool Inc  
Chiyoda Kogyo-Maruka USA  
Clark Fixture Technologies  
Commonwealth Oil Corp  
Continental Pipe & Tube  
Cut-Off Machines  
CR Bearings - Cuscinetti  
A Rulli Srl  
Crippa SPA  
Crum Manufacturing Inc  
Current Tech  
D&H Machinery Inc  
DuBose Packaging LLC  
Eaton Leonard  
EFD Induction Inc  
Elmaksan Machinery  
ELT Tooling, Inc.  
ESCO Tool Co  
Etco Industrial Co Ltd  
Fluid Tech Machines Inc  
Foerster Instruments Inc  
Fontijne Grotnes Inc  
Galaxie Corporation  
Gem Tool Corporation  
George A Mitchell Co  
GH Induction Atmospheres LLC  
Guild International Inc  
H & S Tool Inc  
Haas Saw & Supply  
Hess Industries Inc  
Horn Machine Tools Inc  
Innovative Tube Equipment Corp  
INNOVO Corp  
Inspectech Analygas Group Inc  
Interlaken Technology Corp

## Tube & Pipe

J & S Machine Inc  
Julius Maschinenbau GmbH  
Kent Corp  
Kinkelder USA  
Laboratory Testing Inc  
Lamiflex Inc  
Lillbacka USA Inc  
Mair Research S.p.A.  
Manchester Tool & Die Inc  
Metallurgical & Materials  
Technologies Inc  
Midwest Bender Services Corp  
MidWest Machinery, LLC  
MiC America Inc  
Mill Masters Inc  
Militech Yoder  
Nantong Reliant Co Ltd  
National Bronze & Metals Inc  
New Form Tools Ltd  
Nikko Sangyo Co Ltd  
Numalliance Inc  
Olimpia 80 S R L  
OMNI-X Inc  
OP SRL  
OTO Mills SpA  
Overton Industries  
Passline Performance  
Pat Mooney Inc  
PHI  
Pillar Induction  
Pines Technology  
Proto-1 Manufacturing  
Quaker Chemical Corp  
R&B Machining Inc  
Rafter Equipment Corporation  
Rattunde Corporation  
REA Elektronik Inc  
Rocklin Manufacturing Co  
Roll Machining Technologies  
& Solutions  
Rose Plastic USA LP  
Rosendahl Maschinen GmbH  
Saar Hartmetall USA LLC  
Salem Steel North America /  
Innovative Industries  
Schwarze-Robitec GmbH  
SKF USA Inc  
SST Forming Roll Inc  
T&H Lemont  
TaurinGroup USA  
T-DRILL Industries Inc  
Thermatool Corp  
Thermo Scientific  
Niton Analyzers  
3R Software Solutions

## Tube & Pipe

Tools for Bending  
Tube & Pipe Tech  
Magazine & ITA  
Tube 2012 Messe Dusseldorf  
North America  
Tube Bending Concepts Inc  
Universal Controls Group  
Universal Tube & Rollform  
Equipment Corp  
UTE Inc  
VJ Technologies  
WAFIOS Machinery Corp  
Wauson Machine &  
Manufacturing Inc  
Winton Machine Co  
World Machinery &  
Saw System CO  
Xiris Automation Inc -  
Tube & Pipe Division

## Welding

ABB Inc  
ABICOR Binzel Corp  
Ace Industrial Products  
Advanced Technology &  
Materials Co Ltd  
Air Liquide  
Airflow Systems Inc  
Airgas Inc  
Ajan Elektronik Servis San Ve  
Alabama Laser  
Alabama Robotics Technology Pk  
Aladdin Welding Products Inc  
Albany Door Systems Inc  
Alco Tec Wire Company  
Allcryo  
ALM Corp  
Amer Corporation  
America Fortune Company  
American Friction Welding  
American Society For  
Nondestructive Testing  
American Technical Publishers  
American Torch Tip Co Inc  
American Welding Society  
AMET Inc  
Antec Electronics (Wuxi) Co Ltd  
Apollo Group (China) Co Ltd  
Aqualor Corp  
ARC Abrasives Inc  
Arc Machines Inc  
Arc Products  
Arc Specialties Inc  
ARCON Welding Equipment LLC  
ArcOne  
ASTRO ARC POLYSOUDE  
Atema Inc  
ATI Industrial Automation  
Ati Stellram  
Atlanta Drive Systems Inc  
Auburn Manufacturing Inc  
Avani Environmental LLC  
AW&S Co Ltd  
Avelent Inc  
B&B Steel Products Inc  
Beijing China XingGang  
Technologies Co Ltd  
Bellman-Melcor Inc

## Welding

Bernard  
BESSEY Tools North America  
BIBELLE SpA  
Bishop-Wisecarver Corp  
BLUCO Corp  
BMM Welding Material Co  
Bohler Welding Group USA Inc  
Bonal Technologies Inc  
Bortech Corp  
Bosch Power Tool Corp  
Bradford Derustit Corp  
Broco Inc  
Buffalo Shrink Wrap  
Bug-O-Systems/  
Cypress Welding  
Burkert Fluid Control Systems  
C H Symington & Co Inc  
Cadi Co Inc  
Capital Weld Cleaners  
Carhartt Workwear at  
Rugged Outfitters  
CEIA USA  
Cemsa SPA  
Cerbaco Ltd  
CGW-Camel Grinding  
Wheels USA  
Changzhou Golden Globe  
Welding and Cutting  
Equipment Co., Ltd  
Changzhou Huarui Welding &  
Cutting Equip Co Ltd  
Changzhou Huaya Aluminium  
Industry Co Ltd  
Changzhou Longren Mechanical  
& Electrical Co Ltd  
Changzhou Shine Science &  
Technology Co Ltd  
Changzhou Wujin Golden Globe  
Welding & Cutting Machinery  
Co Ltd  
Chart Inc  
China Daheng Group Inc  
Chunichi Precision Molding  
CK Worldwide  
Clara Vision  
Cleveland Motion Controls/Burny  
Clos Robotics Welding Inc  
CM Industries Inc  
COB Industries Inc  
Computer Engineering Inc  
Computers Unlimited  
Coral SPA/ Industrial  
Air Solutions, Inc.  
Corewire Ltd  
COR-MET INC  
Coskunoz Metal Form  
CS Unitec Inc  
Cyl-Tec Inc  
D/F Machine Specialties Inc  
Dataweld Inc  
Deloro Stellite Inc  
Dengensha America Corp  
DE-STA-CO  
Devasco International Inc  
Diagraph MSP an ITW Company  
Diamond Ground Products Inc  
Disse Inc  
Direct Wire & Cable

## Welding

Dissolvo  
Diversi-Tech Inc  
Donaldson Torit - Donaldson  
Company Inc  
Dr Gold & Co  
DualDraw LLC  
DURUM USA  
Dynatorch Inc  
Easy Abrasives LLC  
EH Wachs Co  
EL Hollingsworth & Company Inc  
ELCo Enterprises  
Elderfield & Hall  
Electron Beam Technologies Inc  
ENTRON Controls LLC  
Environmental Air Solutions  
ESAB Welding &  
Cutting Products  
Essen Trade Shows  
The FABRICATOR  
Fanuc Robotics  
Fastenal Company  
Fein Power Tools Inc  
Fibre-Metal/By Honeywell  
Flame Technologies Inc  
Foshan Yihong Welding Co Ltd  
Frommelt Safety Products  
Fronius USA LLC  
Fusion Inc  
G&J Hall Tools Inc  
Garg Inox Ltd  
Gas Management Solutions a  
div of Shield Technologies  
gasgrab.com  
GBC Industrial Tools  
GE Measurement &  
Control Solutions  
GEDIK WELDING  
General Tool  
Genesis Systems Group  
Genstar Technologies Inc  
Global Hardgoods  
Goff's Enterprises Inc  
Golden Eagle Minmetals  
(Beijing) Wdg Materials Co  
Goldland Industrial Co Ltd  
Goss Inc  
Grainger  
Gudel Inc  
Gulf Industrial Solutions  
Gulco International  
H & M Pipe Beveling  
Machine Co Inc  
HAI Advanced  
Material Specialists  
Harbert's Products Inc/  
Allied Flux Reclaiming Ltd  
Harper Trucks Inc  
Harris Products Group  
Hascor USA Inc  
Haynes International  
HC Starck Inc  
Hobart Institute of  
Welding Technology  
Hobart Brothers Company  
HOT COILS  
HTC USA Inc  
Hypertherm Inc

## Welding

Hyundai Welding Products  
IBEDA /Superflash Compressed  
Gas Equipment Inc  
ICR Services  
igm Robotic Systems Inc/  
Astro Arc Polysoude/PTR-  
Precision Technologies Inc  
igus Inc.  
IMPACT Engineering Inc  
Industrial Maid  
In-House Solutions Inc  
Innerspec Technologies  
Interactive Safety Product Inc  
Intercon Enterprises Inc  
International Welding  
Technologies Inc  
InterTest Inc  
IPG Photonics  
Ironworkers Management  
Progressive Action Cooperative  
Trust (IMPACT)  
ITW DYMON  
JASIC Technologies Co Ltd  
Jayesh Industries Ltd  
JAZ USA Inc  
Jetline Engineering  
Jiangsu Zhongjiang  
Welding Wire Co Ltd  
Jingyu Welding & Cutting Co Ltd  
Jisheng Electric Machinery  
Co Ltd  
JILC Electromet Pvt LLC  
John Tillman Co  
Joining Technologies  
Jovsun Abrasives Co Ltd  
JP Nissen Co  
KabelSchlepp America  
Division, U.S. Tsukabi Power  
Transmission, LLC  
Kamman Group  
Karbosan  
Kawasaki Robotics (USA) Inc  
Kemper America Inc  
Kemper System America Inc  
Keystone Fasteners  
Kimberly-Clark Professional  
Jackson Safety  
KimTop Mech-elecal  
Taizhou Co Ltd  
Kiswel USA Inc  
Kobelco Welding of America Inc  
Koike Aronson Inc  
KUKA Robotics Corporation  
Kunshan Gintune Welding Co Ltd  
LA-CO Industries/Markal  
Lapco Mfg Inc  
Liburdi Dimetrics Corporation  
Linatrol Systems Inc  
Lincoln Electric Co  
LONGEVITY Welding &  
Cutting Products  
LORD Corp  
Lors Machinery  
Lucas Milhaupt Inc  
Global Brazing Solutions  
Luvata Ohio Inc  
Magmaweld (Qerlikon Kaynak  
Elektrodleri ve Saraylari AS)



## Welding

Magnatech LLC  
MagneGas Corp  
Manufacturing Solutions Inc  
Matheson  
Mathey Dearman  
Matuschek Welding Products Inc  
MCK Nonwoven Abrasives Co  
Medi Mall Inc  
Meltric Corp  
Meta Vision Systems Inc  
Metabo Corp  
Metal Man Work Gear Co  
Metalizing Equipment Co  
PVT LTD  
Michigan Pneumatic Tool Inc  
Micro Air  
Midalloy  
Miller Electric Manufacturing Co  
Miller Welding Automation  
MK Products Inc  
Montpower Inc  
Moore Industrial Hardware  
MPT Industries  
MTA-USA  
MTI Power Services  
NASA  
Nation Wide Products  
National Standard LLC  
Nederman Inc  
Nelson Stud Welding  
New Fire Co Ltd  
Newland (Tianjin) Welding Wire  
and Metal Products Co Ltd  
Nimak Braeuer  
North America Inc  
Ningbo Dabu Welding  
Technology Co Ltd  
Ningbo Jinfeng Welding &  
Cutting Machinery  
Manufacture Co Ltd  
Ningbo Powerway Alloy  
Material Co Ltd  
Nordfab Ducting  
North (Nanjing) Instrument  
Technology Industries Group  
Norton Abrasives  
Nutron Nameplate Inc  
OKI Bering  
Olympus  
Optrel AG  
Osborn-JacksonLea  
OTC DAIHEN Inc  
Oxford Alloys Inc  
Oxylance Inc  
Pador Marketing Group  
Pan Taiwan Enterprise Co Ltd

## Welding

Pandjiris Inc  
PDS Bartech Inc  
Pearl Abrasive Co  
PECo Process Equipment Co  
Permardur Industries Inc  
PFERD INC  
Phoenix International Inc  
Pipe Fitters Local Union #597  
Polymov North America  
Polymet Corp  
Postle Industries Inc  
Practical Welding Today  
Praxair Inc  
Preston-Eastin Inc  
PROFAX / LENCO  
ProMotion Controls Inc  
PTR-Precision Technologies, Inc.  
Quality Welding Products Inc  
Rajratna Metal Industries Ltd  
Radyne Corp  
Red Rock/Romar MEC  
Reis Robotics USA Inc  
Revco Industries Inc  
Res Cut Products Co  
Rhino Cutting Systems  
Ro Man Mfg Inc  
Robotiq  
RoboVent Product Group  
Rolled Alloys  
Royal Arc Electrodes Ltd  
THE ROUECHE CO LLC  
Saf-T-Cart Inc  
Saint-Gobain  
Sakura of America  
Sandvik Materials Technology  
Save Phace Inc  
Sciaky Inc  
Sellstrom Manufacturing Co  
Servore Co  
Servo-Robot Inc  
Shanghai Gonglue Machinery  
& Elect Tech Co Ltd  
Shantou Inst of Ultrasonic  
Instruments Co Ltd (SIUI)  
Shenzhen Huayilong  
Electric Co Ltd  
Shenzhen Riland Industry Co Ltd  
Sherwin Inc  
SKM Industries Inc  
SKS Welding Systems GmbH  
SME Member Lounge  
Smith Equipment  
Southern Welding Systems Intl  
Special Metals  
Welding Products Co  
Spring Creek Products

## Welding

St Louis Metallizing Co  
Steelmax Tools  
SteelTailor Ltd  
Steiner Industries  
Stork Climax Research Services  
Strong Hand Tools  
Suhrer Industrial Products Inc  
Sulzer Metco US Inc  
Summer Manufacturing Co Inc  
Superheat FGH Services Inc  
Superior Abrasives Inc  
Superior Products  
Swagelok Manufacturing Co LLC  
TAFE Inc  
Tanis Technologies LLC  
TDC Filter Inc  
Team Industries Inc  
TEC Torch Co Inc  
Techniweld (USA)  
Technogenia Inc  
TECMEN Electronics Co Ltd  
Tempil an ITW Company  
Tennessee Rand Inc  
Termeel Industry and  
Commerce Co Ltd  
The Chinese Mechanical  
Engineering Society  
Thermacut Inc.  
Thermadyne Industries  
Thermion  
3M  
ThyssenKrupp VDM USA Inc  
Tianjin Jinlong Welding  
Material Co Ltd  
Tianjin Sainteagle  
Welding Co Ltd  
Tianjin Xinsen Welding  
Materials Co Ltd  
Tianjin Xuzhi Machinery &  
Electrical Co Ltd  
Tipro International Co Ltd  
Titus Flux Inc/American  
Welding & Flux  
TJ Snow Co  
Tregaskiss  
Trendex Information Systems Inc  
Tri Tool Inc  
Tri-Mer Corp  
Trystar  
TWI North America LLC  
U-Mark Inc  
United Abrasives Inc /SAIT  
Uniweld Products Inc  
Valmont Coatings  
Vernon Tool Co  
Vicon - Plasma Automation Inc

## Welding

Vitronic Machine Vision  
VSM Abrasives  
Walter Surface Technologies  
Washington Alloy Co  
Wayne Trail Technologies Inc  
Weartech International Inc  
WEC Equipment &  
Machining Solutions  
WEICON Inc  
Weiler Corp  
Weldcraft  
Weld Engineering Co  
Weld.com  
Weld-Aid Products  
Weldas Co  
Weldcoa  
WeldDaddy / Secoa Technology  
Welding Alloys Group  
Weldlogic Inc  
Weldsale LLC  
Wendt USA LLC  
Western Enterprises  
WireCrafters Inc  
Wisconsin Wire Works Inc  
Witt Gas Controls  
Wolf Robotics LLC  
Wolverine Joining Technologies  
Wuxi Yangtong Mechanical  
Equipment Co Ltd  
Xiris Automation Inc -  
Welding Division  
Yaskawa America Inc  
York Portable Machine Tools  
Yunnan Hengyu Optical  
Electronics Co (Optech Co)  
Yuyao Tianyi Special Carbon  
Fiber Ltd Co  
Zhejiang Changzheng Project  
Carbon Electrodes Co Ltd  
Zhejiang Youli Electric and  
Machine Co Ltd  
Zhejiang Zenli Rectifier  
Manufacture Co Ltd  
Zhengzhou Anxin Abrasives  
Co Ltd  
ZJ Industries Inc  
Zhongda Special Steel Co Ltd

*"It was great to be able to evaluate competitors' equipment side-by-side, all together in one place. You need to get to FABTECH because there is no other way you can get so much under one roof to compare. Just one trip to FABTECH and I had multiple product recommendations for our company. Instead of just one purchase, we ended up making several."*

**Attendee Patrick Elston**  
Plant Manager, HD Supply Fire Protection

# GAIN PERSPECTIVE FROM INNOVATORS AND INDUSTRY LEADERS

If you're looking to take your knowledge up a notch or two, FABTECH 2011 offers 100+ educational programs to help get you there. Preview the following Schedule-At-A-Glance to see what's in store for this year's event. Sessions are coded by experience level to guide you to the session that best fits your need. Full session descriptions and the most up-to-date information can be found at [fabtechexpo.com](http://fabtechexpo.com).

## ABOUT THE PROGRAMS



The FABTECH Conference is co-sponsored by the Fabricators & Manufacturers Association, Int'l. (FMA), Society of Manufacturing Engineers (SME), Precision Metalforming

Association (PMA), and Chemical Coaters Association International (CCAI). All sessions are two hours in length, offering practical knowledge you can start using right away. The program also includes "Tech Tours," which combine classroom instruction followed by expert-led guided tours on the show floor to see technology operating in designated booths. The American Welding Society (AWS) offers a comprehensive lineup of welding education. Led by the industry's top professionals, sessions focus on the latest in welding research and new commercial developments. Sessions include an array of one and two-day conferences, seminars and professional programs designed with the industry in mind.

## EARN CONTINUING EDUCATION CREDITS

Individuals who attend AWS education programs are awarded 1 PDH (Professional Development Hour) for each hour of education program attendance. Individuals seeking FMA Recertification Credits will be awarded 2 credits for each conference session attended (Forming & Fabricating, Cutting, or Finishing tracks) plus an additional 2 credits for attending the FABTECH show.

### Experience Levels

- B Basic** – Recommended for the attendee who is new to the industry or needs a refresher on the topic.
- I Intermediate** – Designed for the attendee who already has a basic understanding of the subject matter.
- A Advanced** – For the attendee with several years of experience who is seeking more in-depth information.



# MONDAY, NOVEMBER 14

# SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.	1:30 p.m. – 3:30 p.m.
<b>CUTTING</b>			F20: Comparative Cutting with Tech Tour <b>B</b>
<b>FINISHING</b>	C01: The Basics of Industrial Finishing <b>B</b>	C10: Selecting Coatings For Your Parts: An Overview of Today's Coatings Technologies <b>B</b>	C20: <b>NEW</b> Finishing & the Environment <b>B</b>
	C02: Understanding & Lowering Finishing Costs <b>A</b>	C11: Understanding the Basics of Electrocoating <b>B</b>	C21: <b>NEW</b> Advancements in Liquid Coating Materials and Equipment <b>A</b>
	C03: Right Sizing Your Finishing System <b>A</b>	C12: Manual Powder Coating Basics <b>B</b>	C22: Converting From Liquid to Powder Coating <b>B</b>
<b>FORMING &amp; FABRICATING</b>		F10: <b>NEW</b> Laser Marking <b>B</b>	F21: Punch Press Technology <b>B</b>
		F11: Safeguarding Your Equipment <b>I</b>	F22: Estimating – Made to Order Manufacturing <b>B</b>
<b>MANAGEMENT</b>	F01: Introduction to True Kaizen <b>B</b>	F12: Lean 101 – Principles of Lean Manufacturing <b>B</b>	F23: <b>NEW</b> Use 5S to Control Workspace <b>B</b>
	F02: <b>NEW</b> Creating an Employee Empowered Culture to Drive Performance <b>A</b>	F13: <b>NEW</b> Recruiting and Selecting the Best Employees <b>I</b>	F24: <b>NEW</b> Developing a Winning Sales Force <b>I</b>
		F14: Automation Strategies to Streamline your Job Shop Office <b>A</b>	F25: Strategic Planning for the Job Shop <b>I</b>
<b>STAMPING</b>	S01: Error-proof Metalforming <b>A</b>	S10: <b>NEW</b> Increasing Productivity and Quality Monitoring <b>A</b>	S20: Die Design and Efficiency <b>A</b>
	S02: Stamping Advanced High Strength Steels (AHSS) <b>B</b>	S11: <b>NEW</b> AHSS Stamping Forensics and Green Fluid Technology <b>B</b>	
<b>TUBE &amp; PIPE</b>	F03: <b>NEW</b> Fundamentals of Tube Mill Operations <b>B</b>		F26: <b>NEW</b> Advanced Tube Mill Operations <b>A</b>
<b>WELDING</b>			
<b>CONFERENCES</b>	W28: Welding Technology to the Rescue • 8:30 a.m. – 4:00 p.m.		
<b>SEMINARS</b>	W20: D1.5 – Bridge Code Clinic • 8:00 a.m. – 12:00 p.m. W21: D15.1 – Railroad Code Clinic • 1:00 p.m. – 5:00 p.m. W22: Metallurgy Applied to Everyday Welding • 8:00 a.m. – 5:00 p.m.		
<b>PROFESSIONAL PROGRAM</b>	W33: <b>Session 1: International Trends in Welding Research</b> • 8:00 a.m. – 10:00 a.m. <b>Session 2: NSF I/UCRC Sponsored</b> • 2:00 p.m. – 5:00 p.m. <b>Session 3: Solid-State Processing</b> • 2:00 p.m. – 5:00 p.m.		
<b>SPECIAL PROGRAMS</b>	W40: Education Annual Program – FREE • 8:00 a.m. – 5:00 p.m. W41: Certified Welding Sales Representative – FREE Sample Session • 1:00 p.m. – 2:00 p.m. W42: Certified Welding Inspector – FREE Sample Session • 2:00 p.m. – 3:00 p.m. IIW and the 2012 Annual Assembly Session – FREE • 11:30 a.m. – 1:00 p.m. AWS Professional Welders Open Competition • 10:00 a.m. – 5:00 p.m.		

**B** = Basic    **I** = Intermediate    **A** = Advanced

# TUESDAY, NOVEMBER 15

# SCHEDULE-AT-A-GLANCE

TECHNOLOGY	10:30 a.m. – 12:30 p.m.	1:30 p.m. – 3:30 p.m.
CUTTING	F30: <b>NEW</b> CO2 Laser Cutting <b>B</b>	F40: Waterjet Cutting Advancements <b>A</b>
	F31: <b>NEW</b> Panel-CO2 Laser Cutting Situations and Solutions <b>B</b>	F41: Laser Cutting Considerations for First-time Buyers <b>B</b>
FINISHING	C30: Modern Pretreatment: The Basics <b>B</b>	C40: <b>NEW</b> Energy Savings for Finishing <b>A</b>
	C31: <b>NEW</b> Efficient Curing with Infrared for the Finishing Industry <b>B</b>	C41: <b>NEW</b> Achieving Quality Finishes When Using a Custom Coater <b>B</b>
	C32: Fast Color Change <b>A</b>	C42: The Future of Coatings Technology <b>A</b>
FORMING & FABRICATING	F32: Press Brakes with Tech Tour <b>B</b>	F42: <b>NEW</b> General to Advanced Roll Forming Concepts <b>I</b>
	F33: Getting Started with Robotics <b>B</b>	
MANAGEMENT	F34: <b>NEW</b> Visual Controls to Improve Work <b>A</b>	F43: Demand Pull in the Fabrication Job Shop <b>B</b>
	F35: Top 10 Secrets of Lean Success for Managers <b>A</b>	F44: <b>NEW</b> Five Marketing Moves for Tomorrow <b>B</b>
	F36: <b>NEW</b> Social Marketing on Speed – A Crash Course <b>B</b>	
	F37: <b>NEW</b> Financial Planning Strategies <b>A</b>	
STAMPING	S30: Beyond Forming: Fabrication in the Stamping Press <b>A</b>	
	S31: Improving Stamping Efficiency <b>I</b>	
TUBE & PIPE	F38: Tube & Pipe Joining & Inspection <b>A</b>	
<b>WELDING</b>		
CONFERENCES	W27: National Welding Education Conference • 9:00 a.m. – 4:00 p.m. W29: 8th Conference on Weld Cracking • 8:30 a.m. – 4:00 p.m.	
SEMINARS	W23: D1.1 – Road Map • 8:00 a.m. – 5:00 p.m. W24: ASME Section IX, B31.1 & B31.3 Code Clinic • 8:00 a.m. – 5:00 p.m. W26: Advanced Visual Inspection Workshop Day 1 • 8:00 a.m. – 5:00 p.m.	
PROFESSIONAL PROGRAM	W34: <b>Session 4: Shipbuilding</b> • 8:00 a.m. – 12:00 p.m. <b>Session 5: Arc Welding Processes</b> • 8:00 a.m. – 12:30 p.m. <b>Session 6: NSF I/UCRC Sponsored</b> • 2:00 p.m. – 5:00 p.m. <b>Session 7: Weld Modeling</b> • 2:00 p.m. – 5:00 p.m.	
SPECIAL PROGRAMS	W39: AWS Awards Luncheon • 12:00 p.m. – 2:00 p.m. W40: Education Annual Program (including Plummer and Memorial Lectures) – FREE • 10:30 a.m. – 5:00 p.m. W43: Certified Welding Supervisor – FREE Sample Session • 8:00 – 9:00 a.m. W44: Certified Radiographic Interpreter – FREE Sample Session • 9:00 – 10:00 a.m. W45: Thermal Spray Basics: Putting Coatings to Work – FREE • 1:00 p.m. – 5:00 p.m. AWS Professional Welders Open Competition • 9:00 a.m. – 5:00 p.m.	

# WEDNESDAY, NOVEMBER 16 SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.	1:30 p.m. – 3:30 p.m.
<b>CUTTING</b>	<b>F50: Plasma Plate &amp; Structural Cutting</b> <b>B</b>	<b>F60: NEW Fiber Laser Cutting</b> <b>B</b>	
<b>FINISHING</b>	<b>C50: NEW Finishing Essentials: Safety &amp; Business Continuity</b> <b>B</b>	<b>C60: NEW Finishing Essentials: Measurement &amp; Testing</b> <b>B</b>	<b>C70: Finishing Essentials: Racking &amp; Stripping</b> <b>B</b>
	<b>C51: NEW Turning Your Finishing System Green</b> <b>A</b>	<b>C61: NEW Structured Troubleshooting: A Disciplined Approach to Finding &amp; Resolving Paint Issues</b> <b>A</b>	<b>C71: Process Control &amp; Preventive Maintenance</b> <b>A</b>
	<b>C52: NEW Advances in Porcelain Enamel</b> <b>A</b>	<b>C62: Fast &amp; Profitable Powder Coating Systems</b> <b>A</b>	<b>C72: NEW Ultrafiltration of Electrocoat Paint</b> <b>B</b>
<b>FORMING &amp; FABRICATING</b>		<b>F61: NEW Laser Joining Overview</b> <b>B</b>	
	<b>F51: NEW Add-on Applications for Roll Forming</b> <b>A</b>	<b>F62: Effectively Slitting &amp; Blanking Coils</b> <b>A</b>	<b>F70: NEW Advancements in Coil &amp; Sheet Leveling Technology</b> <b>A</b>
		<b>F63: NEW Robotic Automation</b> <b>B</b>	<b>F73: Advanced Laser Technology and Applications</b> <b>A</b>
<b>MANAGEMENT</b>	<b>F52: Low Volume, High Variety Production – No Problem for Lean</b> <b>A</b>	<b>F64: Total Productive Maintenance for the Fabrication Job Shop</b> <b>A</b>	<b>F71: NEW Team Building on Steroids</b> <b>B</b>
	<b>F53: Sales and Marketing Strategies to Attract Profitable Business</b> <b>I</b>	<b>F65: NEW Finding and Fixing Profit Destroyers in High Mix Operations</b> <b>I</b>	<b>F72: Four Steps to Improving Sales and Productivity in a Recession</b> <b>A</b>
<b>STAMPING</b>	<b>S50: NEW Best Practices for Manufacturing: World Class Safety and How to Compete Globally</b> <b>B</b>	<b>S60: NEW Vibration Control and Installation Methods to Improve the Performance of Metal Working Machinery</b> <b>B</b>	
<b>TUBE &amp; PIPE</b>	<b>F54: NEW Hydroforming – It's Lower Cost than You Think!</b> <b>B</b>		
<b>WELDING</b>			
<b>CONFERENCES</b>	<b>W30: What's New in Power Sources</b> • 8:30 a.m. – 4:00 p.m. <b>W31: Thermal Spray Technology: High Performance Surfaces</b> • 9:00 a.m. – 4:45 p.m.		
<b>SEMINARS</b>	<b>W25: The Why and How of Welding Procedure Specifications</b> • 8:00 a.m. – 5:00 p.m. <b>W26: Advanced Visual Inspection Workshop Day 2</b> • 8:00 a.m. – 5:00 p.m.		
<b>RWMA SCHOOL</b>	<b>W32: RWMA Welding School Day 1</b> • 7:45 a.m. – 5:30 p.m.		
<b>PROFESSIONAL PROGRAM</b>	<b>W35: Session 8: Laser Materials Processing</b> • 8:00 a.m. – 11:30 a.m. <b>Session 9: Filler Metals, Overlays and Repair</b> • 8:00 a.m. – 12:00 p.m. <b>Session 10: Sensing and Control</b> • 2:00 p.m. – 5:30 p.m. <b>Session 11: Joining Metallurgy</b> • 2:00 p.m. – 5:30 p.m.		
<b>SPECIAL PROGRAMS</b>	<b>W40: Education Annual Program – FREE</b> • 9:00 a.m. – 5:00 p.m. <b>AWS Professional Welders Open Competition</b> • 9:00 a.m. – 5:00 p.m.		

# THURSDAY, NOVEMBER 17

# SCHEDULE-AT-A-GLANCE

TECHNOLOGY	8:00 a.m. – 10:00 a.m.	10:30 a.m. – 12:30 p.m.
FINISHING	C80: <b>NEW</b> “Green” Pretreatment <b>A</b>	
	C81: <b>NEW</b> Finishing Large Parts <b>A</b>	
FORMING & FABRICATING	F80: <b>NEW</b> Part and Surface Cleaning Technologies <b>B</b>	F90: Press Brake Troubleshooting <b>A</b>
	F81: <b>NEW</b> Automated Deburring; A Surprising Cost and Time Saving with Tech Tour <b>A</b>	
MANAGEMENT	F82: <b>NEW</b> Value People Component of Lean <b>B</b>	F91: <b>NEW</b> Establishing a World-class Safety Culture <b>I</b>
	F83: <b>NEW</b> CLOUD Computing Basics <b>B</b>	
	F84: <b>NEW</b> Leadership: Critical Communication and Team Development. <b>A</b>	
TUBE & PIPE	F85: Basics of Tube & Pipe Fabrication <b>B</b>	F92: <b>NEW</b> Advanced Tube and Pipe Fabrication with Tech Tour <b>A</b>
<b>WELDING</b>		
RWMA SCHOOL	W32: RWMA Welding School Day 2 • 8:00 a.m. – 3:45 p.m.	
PROFESSIONAL PROGRAM	W36: <b>Session 12: Materials Weldability</b> • 8:00 a.m. – 11:00 a.m. <b>Session 13: Industrial Technology</b> • 8:00 a.m. – 12:00 p.m.	
SPECIAL PROGRAMS	W40: Education Annual Program – FREE • 9:00 a.m. – 12:00 p.m. Certification Exams (advance application required) • 7:00 a.m. – 6:00 p.m. AWS Professional Welders Open Competition – Awards Ceremony • 11:00 a.m. – 12:00 p.m.	

## Questions regarding the educational programs at FABTECH can be directed to the following representatives:

### WELDING

Contact AWS,  
Selvis Morales  
smorales@aws.org  
800-443-9353

### STAMPING

Contact PMA,  
Allison Grealis  
agrealis@pma.org  
216-901-8800

### COATING, FINISHING

Contact CCAI,  
Anne Goyer  
anne@govermgt.com  
859-356-1030

### FORMING & FABRICATING, MANAGEMENT, TUBE & PIPE

Contact FMA,  
Julie Maddock  
juliem@fmanet.org  
888-394-4362

### CUTTING, FORMING & FABRICATING, LEAN

Contact SME,  
Kim Farrugia  
kfarrugia@sme.org  
800-733-4763

# FEATURED SESSIONS

FREE AND OPEN TO ALL ATTENDEES

## OPENING SESSION

Monday, November 14 • 9:00 a.m. – 10:00 a.m.

Location: FABTECH Theater, Grand Concourse

### America's Challenge: Strengthen U.S. Manufacturing and Create Jobs

Congressman Don Manzullo will take the stage to provide insight on legislative and regulatory initiatives being taken to ensure a level playing field for American manufacturers in global markets. Topics of discussion include: currency manipulation, government enforcement of trade agreements, intellectual property protection, patent abuse, and other issues related to strengthening U.S. manufacturing and creating more jobs.

SPEAKER:



**Don Manzullo,**  
*Congressman*  
(R-IL)

## STATE OF THE INDUSTRY: EXECUTIVE OUTLOOK

Monday, November 14 • 12:30 p.m. – 1:30 p.m.

Location: FABTECH Theater, Grand Concourse

Hear industry leading executives from TRUMPF, Lincoln Electric, Schuler, and DuPont Powder Coatings America discuss their views about the current state of the industry and the trends they see are shaping the future. In addition to taking questions from the audience, the panelists will share their insights on customer needs, adapting work force issues, what's changing in their business, future technologies, and more. Attendees will walk away with a better understanding of the opportunities, challenges and emerging trends that face our industry for 2012 and beyond.

MODERATOR:



**Dr. Chris Kuehl**  
*Economic Analyst*  
*for FMA,*  
*Managing Director*  
*Armada Corporate*  
*Intelligence*

PANELISTS:



**Tim McCaughey**  
*President and CEO*  
*Schuler*



**Rolf Biekert**  
*President and CEO*  
*TRUMPF*



**John M. Stropki**  
*Chairman, President*  
*and CEO*  
*Lincoln Electric*



**David J. Lazzeri**  
*President*  
*DuPont Powder*  
*Coatings America*

# KEYNOTE PRESENTATION

Tuesday, November 15 • 9:00 a.m. – 10:00 a.m.

Location: Grand Ballroom (S100)

## Growing Your Business Through Innovation



**Robert Tucker,**  
President  
The Innovation  
Resource

In today's competitive manufacturing environment, innovation is essential to both survival and growth. Yet, given the day-to-day challenges of running the business, when was the last time you focused on upgrading your ability to introduce new product, service, process and strategy ideas? Are you using yesterday's methods to manage today's fast-changing marketplace challenges? This dynamic, practical presentation will provide you with a no-nonsense, step-by-step approach to managing innovation.

*Robert Tucker is an internationally-recognized authority on innovation and the author of numerous books, including the acclaimed Driving Growth Through Innovation and his bestselling book, Managing the Future. He is a former adjunct professor at UCLA and has appeared on ABC, NBC, PBS, and as a featured guest on the recent CNBC series "The Business of Innovation" with Maria Bartiromo.*

# GENERAL SESSION

Wednesday, November 16 • 9:00 a.m. – 10:00 a.m.

Location: FABTECH Theater, Grand Concourse

## Reshoring: Helping Manufacturers Understand the Total Cost of Offshoring



**Harry Moser,**  
Founder

The Reshoring Initiative

Recent reports by the Boston Consulting Group and Accenture Consulting show that it is time for manufacturing to come back to the United States. This presentation will help you and your customers recognize the true costs of offshoring. All attendees will receive a free copy of the Initiative's proprietary Total Cost of Ownership Estimator software, which will help you identify and calculate total cost, including 25 "hidden costs" of sourcing offshore.





# SPECIAL EVENTS

## NEW PRODUCT PRESENTATIONS

**Location:** FABTECH Theater, Grand Concourse

Get an inside look at some of the best new products and technologies to hit the market. These concise and informative new product presentations take place during show hours and cover a wide range of topics in order to address your particular interest. View the complete schedule at [fabtechexpo.com/specialevents](http://fabtechexpo.com/specialevents).

## HAPPY HOUR

**Monday, November 14 • 4:00 p.m. – 6:00 p.m.**

Mix and mingle with other attendees and exhibitors during our new Happy Hour. Held on the exhibit floor for the last two hours of the show, **Happy Hour** is a great way to network with peers in a relaxed, entertaining environment while perusing the technology in exhibitor booths. Complimentary drink ticket included with show badge.

## PROFESSIONAL WELDERS COMPETITION

**Monday, November 14 • 10:00 a.m. – 5:00 p.m.**

**Tuesday, November 15 • 9:00 a.m. – 5:00 p.m.**

**Wednesday, November 16 • 9:00 a.m. – 5:00 p.m.**

**Thursday, November 17, Awards Ceremony •  
11:00 a.m. – 12:00 p.m.**

**Location:** North Hall

Watch professional welders compete Monday through Wednesday on the show floor for a grand prize of \$2,500 by making a ¼ inch fillet weld using 1/8 inch E7018 electrode on low carbon steel in five minutes or less. The contest will be judged by a team of AWS Certified Welding Inspectors. The top welder will walk away with the title of “Best Welder in America.”



## BUYER APPRECIATION DAY

**Thursday, November 17**

The last day of the show has been designated **Buyer Appreciation Day!** This is a great day to visit the show and take advantage of Exhibitor Show Specials. You can also WIN great prizes and products given away by participating exhibitors and by show management.

# CHICAGO IS YOUR KIND OF TOWN

Chicago has unparalleled sophistication, class and style. Visitors can experience fine dining, world-famous museums, legendary entertainment, and more to enjoy after show hours. For more information on all that Chicago has to offer, visit [choosechicago.com/fabtech](http://choosechicago.com/fabtech).



McCormick Place  
2301 S. Lake Shore Drive  
Chicago, Illinois 60616  
Phone: 312-791-7000

## McCORMICK PLACE

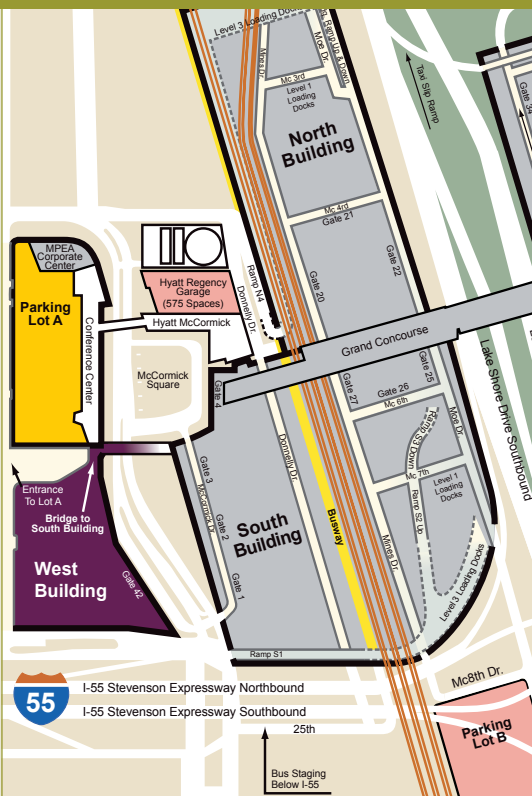
Located only minutes from downtown Chicago, McCormick Place is North America's premier convention facility attracting more than 3 million visitors annually.

## McCORMICK PLACE PARKING

Getting to McCormick Place is easy and convenient.

FABTECH attendees are encouraged to utilize parking **Lot A**. Events in the North, South and West Buildings designate **Lot A** garage as the primary parking location.

Visit [McCormickplace.com](http://McCormickplace.com) for detailed information about McCormick Place parking and directions.



# OFFICIAL FABTECH HOTELS

FABTECH is pleased to provide you with the best hotel options and rates through Travel Planners, the Official Housing Provider for the show. Make your reservation today at [fabtechexpo.com/hotel](http://fabtechexpo.com/hotel) or call Monday – Friday, 9:00 a.m. – 7:00 p.m. ET, 800-221-3531 or 212-532-1660. Free shuttle service is available to and from the convention center and designated event hotels.

HOTELS	DISTANCE TO CONVENTION CENTER	RATE RANGE (based on occupancy)
Chicago Marriott Downtown Magnificent Mile	3.5 Miles	\$232 to \$272
Embassy Suites Chicago Downtown	3.0 Miles	\$229 to \$275
Embassy Suites Chicago Lakefront (CCAI HQ Hotel)	4.0 Miles	\$219 to \$259
Fairfield Inn and Suites Downtown	5.0 Miles	\$209 to \$249
Four Points by Sheraton Magnificent Mile	3.0 Miles	\$246 to \$309
Hilton Chicago (AWS HQ Hotel)	2.0 Miles	\$238 to \$304
Hilton Garden Inn Magnificent Mile	3.0 Miles	\$229 to \$249
Hyatt Regency Chicago (FMA HQ Hotel)	3.5 Miles	\$219 to \$294
Hyatt Regency McCormick Place	Adjacent	\$247 to \$322
Intercontinental Chicago	4.0 Miles	\$255 to \$305
Palmer House Hilton (PMA HQ Hotel)	2.0 Miles	\$243 to \$309
Sheraton Chicago Hotel and Towers (SME HQ Hotel)	4.0 Miles	\$229 to \$289
theWit, a member of the Hilton Family	3.0 Miles	\$239 to \$274
Westin Chicago River North	4.0 Miles	\$259 to \$319
Westin Michigan Avenue Chicago	4.0 Miles	\$259 to \$319
Wyndham Chicago	5.0 Miles	\$239 to \$269

Note: All hotel rates are in USD (\$) unless otherwise noted.

# TRANSPORTATION

By air, rail or car, there are many ways to set the wheels in motion to get you to FABTECH 2011. Chicago's range of transit options will take you there.



## AIRPORT

O'Hare International Airport and Midway International Airport offer great access to the city from all over the world. Find airport maps, flight information and more at [flychicago.com](http://flychicago.com).



## TAXICABS

Taxicabs regularly travel around Chicago; cab fare in Chicago starts at \$2.25 (once the cab begins driving) and increases \$0.20 for each  $\frac{1}{9}$  of a mile. Taxicabs also travel through O'Hare International Airport and Midway International Airport. The fare to drive from the airport to downtown Chicago is approximately \$35 - \$40.



## BUS & RAIL SERVICE

Chicago Transit Authority (CTA) offers bus and train service from O'Hare International Airport, Midway International, and throughout Chicago. Fares are \$1.50 per ride. The Metra Rail runs throughout Chicago and neighboring towns and cities. It is one of the fastest ways to travel outside of Chicago.



## CAR

Navigation system users will want to use the following street address: 2301 South Martin Luther King Drive, Chicago, IL 60616. You can find printable directions directly to McCormick Place on-site parking lots at [mccormickplace.com](http://mccormickplace.com).



**November 14-17, 2011**  
McCormick Place | Chicago, Illinois

**FREE EXPO ADVANCE REGISTRATION FORM**

- **FREE** advance registration with this form until **November 11, 2011**. Register after this date or onsite and the registration fee is \$50.
- **Online registrants:** receive an immediate e-mail confirmation. Fax/Mail-in registrants: receive confirmation within 5 business days.
- **Students:** Do not use this form to register. Please call (800) 733-4763 for assistance.
- **No one under 16 years of age admitted.**

**3 EASY WAYS TO REGISTER**

**ONLINE:** www.fabtechexpo.com

**FAX:** (508) 743-9696

**MAIL TO:** FABTECH 2011  
c/o Convention Data Services  
107 Waterhouse Road  
Bourne, MA 02532

*If you register online or via fax,  
DO NOT mail this form. Photocopy  
this form for additional registrants.*

PROMO CODE:

**PROMO CODE:**

Mr.  Ms.  Mrs.  Dr.

**Please print – One Form per Person**

Name \_\_\_\_\_

Title \_\_\_\_\_

**Business Address Required:**

Company \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Postal Code/Country \_\_\_\_\_

Phone \_\_\_\_\_ Ext. \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Please do not use my e-mail for communications outside of FABTECH.



Please call (800) 733-4763 if you require special assistance.

**PAYMENT**

**Forms received without payment will not be processed. Payment due in U.S. Funds.**

- Check enclosed (checks payable to SME) Total amount due \$ \_\_\_\_\_
- Authorize charge to my credit account (Complete credit card information below)

Name (please print) \_\_\_\_\_

Signature \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_  
Credit Card Number

\_\_\_\_\_-\_\_\_\_\_  
Expiration Number

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_  
CCV/CID# (3 or 4 digits)

**Are you a first time visitor to the show?**

Yes  No

**Check if you are a member of:**

- A  AWS
- B  FMA
- C  SME
- D  PMA
- E  CCAI
- F  None of the above

**Check your ONE primary job function:**

- 1  Owner/Company Mgmt/ Corporate Executive
- 2  Manufacturing Production
- 3  Foreman/Leader/Supervisor
- 4  Manufacturing Engineering
- 5  Welding Engineer
- 6  Welder, Welding Operator
- 7  Quality/Inspector/Tester
- 8  Product Design and R&D
- 9  Purchasing
- 10  Distributor
- 11  Sales & Marketing
- 12  Educator/Instructor
- 13  Other (Please specify): \_\_\_\_\_

**Check the number of employees at your facility:**

- 0  Less than 20
- 1  20-49
- 2  50-99
- 3  100-249
- 4  250-499
- 5  500-999
- 6  1,000-2,499
- 7  2,500 and Over

**Indicate the products or services you plan to evaluate at the show:**

- A  Arc Welding
- B  Assembly
- C  Bending & Forming
- D  Brazing & Soldering
- E  Business Services
- F  Coil Processing
- G  Cutting
- H  Fastening & Joining
- I  Finishing/ Paint & Powder Coating
- J  Finishing/Plating
- K  Gases & Gas Equipment
- L  Hydroforming
- M  Inspection & Testing
- N  Job Shop/Contract Mfg.
- O  Lasers
- P  Lubrication
- Q  Maintenance & Repair
- R  Material Handling
- S  Metal Suppliers
- T  Plate & Structural Fabricating
- U  Press Brakes
- V  Punching
- W  Resistance Welding
- X  Robotics
- Y  Safety & Environmental
- Z  Saws
- AA  Software, Machine Controls
- BB  Stamping
- CC  Thermal Spraying
- DD  Tool & Die
- EE  Tooling
- FF  Tube & Pipe Fabricating or Welding
- GG  Tube & Pipe Producing
- HH  Welding Consumables
- II  Welding Machines

**Indicate your company's total budget for these products or services during the next 12 months:**

- A  Up to \$20,000
- B  \$20,001-\$50,000
- C  \$50,001-\$200,000
- D  \$200,001-\$500,000
- E  \$500,001-\$1,000,000
- F  \$1,000,001-\$5,000,000
- G  Over \$5,000,000

**Indicate your purchasing authority:**

- A  Evaluate/Recommend
- B  Specify
- C  Approve
- D  No Role

**Check the primary industry your company serves:**

- A  Agriculture
- B  Aerospace
- C  Automotive
- D  Other Transportation
- E  Shipbuilding/Marine
- F  Architectural, Engineering
- G  Construction
- H  Heavy Equipment
- I  HVAC
- J  Appliance
- K  Consumer Products
- L  Electronics/Computers
- M  Furniture
- N  Medical/Surgical
- O  Industrial/Commercial Machinery
- P  Fabricated Metal/Stampings
- Q  Chemical & Petroleum
- R  Alternative Energy
- S  Mining/Utilities/Power Generation
- T  Military/Defense
- U  Education/Academic
- V  Non-Manufacturing
- X  Other Manufacturing (Please specify): \_\_\_\_\_

**To help us better understand the demographic profile of our audience, please indicate the year you were born:** 19 \_\_\_\_

# EDUCATION PROGRAMS REGISTRATION FORM

Entry into the exposition is included in paid-event fee.

**If faxing this form to register, please fax both sides of this page.**

**Please indicate your name and member number to receive full pricing benefits. Complete form on reverse side.**

Name \_\_\_\_\_

Company \_\_\_\_\_

I am a member of:  AWS  FMA  SME  PMA  CCAI  Non-member • Member Number \_\_\_\_\_

<b>FABTECH EDUCATIONAL SESSIONS</b>			<b>MEMBER</b>	<b>NON-MEMBER</b>	
<small>NOTE: After Sept. 23 and on-site, add \$25 to the purchase price of FABTECH Educational Sessions.</small>					
<input type="checkbox"/> <b>1 Session</b> <input type="checkbox"/> <b>2 Sessions</b> <input type="checkbox"/> <b>3 Sessions</b> <input type="checkbox"/> <b>4-5 Sessions</b> <input type="checkbox"/> <b>6-9 Sessions</b> <i>(Maximum value! Includes two (2) \$15 lunch vouchers.)</i>	<b>\$ 150</b> <b>\$ 280</b> <b>\$ 375</b> <b>\$ 530</b> <b>\$ 675</b>	<b>\$ 175</b> <b>\$ 325</b> <b>\$ 445</b> <b>\$ 620</b> <b>\$ 775</b>			
<small>Please select the sessions below you would like to attend. The price for a multiple session purchase is noted above. Do not register for more than one session in each time slot each day as sessions run concurrently.</small>					
<b>Monday, November 14</b> <b>AM Sessions -</b> <b>8:00 a.m. - 10:00 a.m.</b> <input type="checkbox"/> (C01) <input type="checkbox"/> (C02) <input type="checkbox"/> (C03) <input type="checkbox"/> (F01) <input type="checkbox"/> (F02) <input type="checkbox"/> (S01) <input type="checkbox"/> (S02) <input type="checkbox"/> (F03)  <b>AM Sessions -</b> <b>10:30 a.m. - 12:30 p.m.</b> <input type="checkbox"/> (C10) <input type="checkbox"/> (C11) <input type="checkbox"/> (C12) <input type="checkbox"/> (F10) <input type="checkbox"/> (F11) <input type="checkbox"/> (F12) <input type="checkbox"/> (F13) <input type="checkbox"/> (F14) <input type="checkbox"/> (S10) <input type="checkbox"/> (S11)  <b>PM Sessions -</b> <b>1:30 p.m. - 3:30 p.m.</b> <input type="checkbox"/> (F20) <input type="checkbox"/> (C20) <input type="checkbox"/> (C21) <input type="checkbox"/> (C22) <input type="checkbox"/> (F21) <input type="checkbox"/> (F22) <input type="checkbox"/> (F23) <input type="checkbox"/> (F24) <input type="checkbox"/> (F25) <input type="checkbox"/> (S20) <input type="checkbox"/> (F26)	<b>Tuesday, November 15</b> <b>AM Sessions -</b> <b>10:30 a.m. - 12:30 p.m.</b> <input type="checkbox"/> (F30) <input type="checkbox"/> (F31) <input type="checkbox"/> (C30) <input type="checkbox"/> (C31) <input type="checkbox"/> (C32) <input type="checkbox"/> (F32) <input type="checkbox"/> (F33) <input type="checkbox"/> (F34) <input type="checkbox"/> (F35) <input type="checkbox"/> (F36) <input type="checkbox"/> (F37) <input type="checkbox"/> (S30) <input type="checkbox"/> (S31) <input type="checkbox"/> (F38)  <b>PM Sessions -</b> <b>1:30 p.m. - 3:30 p.m.</b> <input type="checkbox"/> (F40) <input type="checkbox"/> (F41) <input type="checkbox"/> (C40) <input type="checkbox"/> (C41) <input type="checkbox"/> (C42) <input type="checkbox"/> (F42) <input type="checkbox"/> (F43) <input type="checkbox"/> (F44)	<b>Wednesday, November 16</b> <b>AM Sessions -</b> <b>8:00 a.m. - 10:00 a.m.</b> <input type="checkbox"/> (F50) <input type="checkbox"/> (C60) <input type="checkbox"/> (C61) <input type="checkbox"/> (C52) <input type="checkbox"/> (F51) <input type="checkbox"/> (F52) <input type="checkbox"/> (F53) <input type="checkbox"/> (S50) <input type="checkbox"/> (F54)  <b>AM Sessions -</b> <b>10:30 a.m. - 12:30 p.m.</b> <input type="checkbox"/> (C62) <input type="checkbox"/> (F61) <input type="checkbox"/> (F62) <input type="checkbox"/> (F63) <input type="checkbox"/> (F64) <input type="checkbox"/> (F65) <input type="checkbox"/> (S60)  <b>PM Sessions -</b> <b>1:30 p.m. - 3:30 p.m.</b> <input type="checkbox"/> (C70) <input type="checkbox"/> (C71) <input type="checkbox"/> (C72) <input type="checkbox"/> (F70) <input type="checkbox"/> (F73) <input type="checkbox"/> (F71) <input type="checkbox"/> (F72)	<b>Thursday, November 17</b> <b>AM Sessions -</b> <b>8:00 a.m. - 10:00 a.m.</b> <input type="checkbox"/> (C80) <input type="checkbox"/> (C81) <input type="checkbox"/> (F80) <input type="checkbox"/> (F81) <input type="checkbox"/> (F82) <input type="checkbox"/> (F83) <input type="checkbox"/> (F84) <input type="checkbox"/> (F85)  <b>AM Sessions -</b> <b>10:30 a.m. - 12:30 p.m.</b> <input type="checkbox"/> (F90) <input type="checkbox"/> (F91) <input type="checkbox"/> (F92)		
<b>FABTECH SESSIONS SUBTOTAL: \$</b> _____					

<b>AWS WELDING SESSIONS</b>			<b>MEMBER</b>	<b>NON-MEMBER*</b>
<b>1-Day Welding Education Conference</b> <b>1/2-Day Seminars</b> <b>1-Day Conference or Seminar</b> <b>2-Day Seminar</b> <b>2-Day RWMA Welding School</b> <b>1-Day Professional Program</b> <b>4-Day Professional Program</b> <b>4-Day Student Professional Program</b> <b>AWS Awards Luncheon</b> <b>Special Programs</b>	<b>\$ 149</b> <b>\$ 175</b> <b>\$ 345</b> <b>\$ 550</b> <b>\$ 475</b> <b>\$ 150</b> <b>\$ 225</b> <b>\$ 75</b> <b>\$ 30</b> <b>FREE</b>	<b>\$ 149</b> <b>\$ 310</b> <b>\$ 480</b> <b>\$ 685</b> <b>\$ 695</b> <b>\$ 285</b> <b>\$ 360</b> <b>\$ 90**</b> <b>\$ 30</b> <b>FREE</b>		
<small>Please select the AWS sessions below you would like to attend. The price for purchases is noted above.</small>				
<b>1-Day Welding Education Conference</b> <input type="checkbox"/> (W27) Nov. 15  <b>1/2-Day Seminars</b> <input type="checkbox"/> (W20) Nov. 14 <input type="checkbox"/> (W21) Nov. 14  <b>1-Day Conferences and Seminars</b> <input type="checkbox"/> (W22) Nov. 14 <input type="checkbox"/> (W28) Nov. 14 <input type="checkbox"/> (W23) Nov. 15 <input type="checkbox"/> (W29) Nov. 15 <input type="checkbox"/> (W24) Nov. 15 <input type="checkbox"/> (W30) Nov. 16 <input type="checkbox"/> (W25) Nov. 16 <input type="checkbox"/> (W31) Nov. 16	<b>2-Day Seminar</b> <input type="checkbox"/> (W26) Nov. 15 & 16  <b>2-Day RWMA Welding School</b> <input type="checkbox"/> (W32) Nov. 16 & 17  <b>1-Day Professional Program</b> <input type="checkbox"/> (W33) Nov. 14 <input type="checkbox"/> (W34) Nov. 15 <input type="checkbox"/> (W35) Nov. 16 <input type="checkbox"/> (W36) Nov. 17	<b>4-Day Professional Program</b> <input type="checkbox"/> (W37) Nov. 14-17  <b>4-Day Student Professional Program</b> <input type="checkbox"/> (W38) Nov. 14 - 17  <b>AWS Awards Luncheon</b> <input type="checkbox"/> (W39) Nov. 15  <b>FREE Special Programs</b> <input type="checkbox"/> (W40) Nov. 14-17 <input type="checkbox"/> (W43) Nov. 15 <input type="checkbox"/> (W41) Nov. 14 <input type="checkbox"/> (W44) Nov. 15 <input type="checkbox"/> (W42) Nov. 14 <input type="checkbox"/> (W45) Nov. 15		
<input type="checkbox"/> <b>EXHIBITS ONLY</b> <i>(Free if Pre-Registered • \$50 On-site)</i> Complete form on reverse.	<b>AWS SESSIONS SUBTOTAL: \$</b> _____			
<b>TOTAL FEES</b> Full payment must accompany your registration. Please complete Payment Section on reverse side.			<b>\$</b> _____	

\*Nonmember price for AWS Sessions only includes a two-year AWS Individual Membership (except the Welding Education Conference includes a one-year AWS Membership). Member benefits include a subscription to the Welding Journal, a 25% discount on AWS publications, membership in a local section and more.  
 \*\*Nonmember Student Professional Program price includes a one-year AWS Student Membership.

**Cancellation Policy**  
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