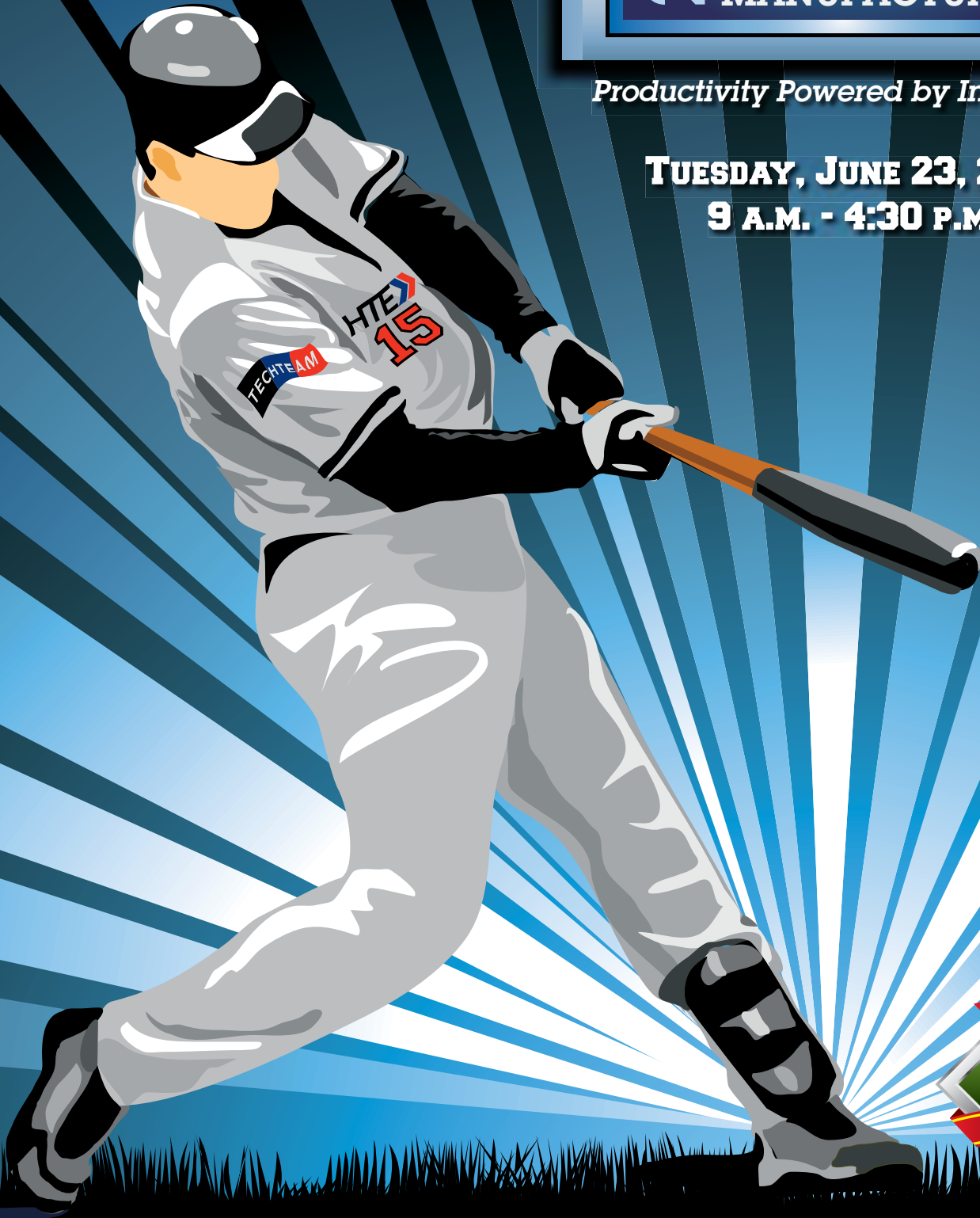




Productivity Powered by Innovation

TUESDAY, JUNE 23, 2015
9 A.M. - 4:30 P.M.



Seminars (PDH) • Interactive Exhibits • Food • Beverages • Prizes



Thank you for taking time out of your busy schedule to join us for the 2015 World Series of Manufacturing. It is our sincere wish that while you thoroughly enjoy the day, you learn about manufacturing methods and solutions that help your company become **FASTER - LEANER - SMARTER - SAFER.**

TECHTEAM SOLUTIONS FOR INCREASED INDUSTRIAL PRODUCTIVITY

The HTE *TECHTEAM* is an engineering collaboration focused on delivering leading edge manufacturing solutions for maximizing factory throughput with the goal of increasing your global competitiveness.

The *TECHTEAM* partnership is comprised of our HTE engineering, auditing, training, and field service support staff, our equipment and software vendors' support teams, and any integrators or contractors we need to involve to ensure that your process engineering and technical staff have all the support they need.

ALL-STAR BATTING LINE-UP

Visit 60+ World Class Interactive Exhibits with the Latest Manufacturing Technologies!

See fold-out map for company names and locations.

Food, Fun, and Games

FYI

Please take a moment to locate these areas on the fold-out map in this brochure:

- Information & Hospitality Desk
- First Aid Station
- Phone Charging Station

FOOD

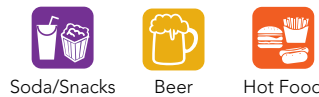
Enjoy free beverages, snacks, and hot food:

Concourse

Hot Food: 10:30 a.m. – 1 p.m.
Drinks/Snacks: 9:00 a.m. – 4:30 p.m.

Redbird Club

Hot Food: 11:30 a.m. – 2 p.m.
Drinks/Snacks: 9:00 a.m. – 4:30 p.m.



QR CODE USAGE

Important! The QR Code located on your Event Credentials will be used to:

- Check you into your scheduled events
- Make sure you receive your photographs
- Make sure you receive your prizes!
- Make sure you receive all the information that you request

FUN & PRIZES

Win prizes all day long!
Winners posted at Hospitality Desks

- Attendance Prizes Every Hour
- Bullpen Sutter #42 Challenge Winners
- HTE Cannon-Ball Winners
- Grand Slam Trivia Prizes



HTE Cannon-Ball

Ready, aim, shoot HTE's unique PLC/Servo controlled "Cannon-Ball" developed by HTE's *TECHTEAM*.





Productivity Powered by Innovation



Pitching Rotation



Classes assemble 15 minutes prior to start time. See map for classroom locations.
Each seminar qualifies for 1 Professional Development Hour (PDH), in both Missouri and Illinois!



Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

9:30 A.M. – 10:20 A.M.

The Vacuum Revolution - Turning Vacuum Technology Inside-Out – ATLAS COPCO
Collaborative Robotic Applications – RETHINK ROBOTICS
Eliminate Hydraulic Leaks - Parker Dry Technology – PARKER
3D Vision Smart Cameras – COGNEX



Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

10:30 A.M. – 11:20 A.M.

Easy & Secure Remote Connectivity for Programming/Monitoring – MBCONNECT
Threaded Fastening Technology; Achieving a Reliable Clamp Load – INGERSOLL RAND
Resistance Is Futile - Change to Electronic Circuit Protection – MURR
Precision Sensing for High Tech Industries – BALLUFF



Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

11:30 A.M. – 12:20 P.M.

Manage Energy Expenditures with MITSUBISHI
Senseless Sensor Damage - Eliminating the High Cost of Wet Instrument Air – AC
Arc Safe Enclosures to Meet Today's New Standards – RITTAL
Precision Motion Control with New Hydraulic Technology – PARKER



Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

12:30 P.M. – 1:20 P.M.

Maximize Machine Up-Time with Centralized Lubrication – GRACO
Industrial PCs - REAL Solutions for Factory 4.0 – ADVANTECH
Improve Productivity & Safety with Ergonomics – INGERSOLL RAND
We Can READ IT! – COGNEX

Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

1:30 P.M. – 2:20 P.M.

Blowers vs. Compressors. A Common Waste of Energy – ATLAS COPCO
Keeping Machines Safe with Cost Effective Solutions – ABB/JOKAB
Fast: New StepSERVO™ Technology, Performance in Motion – APPLIED MOTION
Traceability in Manufacturing Using RFID – BALLUFF

Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

2:30 P.M. – 3:20 P.M.

HMI Software Using "Gestures" – MITSUBISHI
Choices, Choices, Choices, Which Compressed Air Incentive Is Right for You – AMEREN
Fastening Technology – APEX CLECO
Collaborative Robotics - Meet BAXTER – RETHINK ROBOTICS

Gibson Room
Carpenter Room
Wainwright Room
Matheny Pressroom

3:30 P.M. – 4:20 P.M.

High and Dry - Avoid Damage to Pneumatic Systems from Poor Air Quality – PARKER
3D Vision Smart Cameras – COGNEX
Fastening Technology – DESOUTTER
The Future of Manufacturing Employment as Boomers Retire – RETHINK ROBOTICS



VENDOR EXHIBITS

■ = Level 1 Concourse ■ = Level 3 Redbird Club

- | | | |
|---|---------------------------------------|--------------------------------------|
| 1 ABB Jokab Safety & Robotics | 13 Delta Computer Systems | 30 Parker - Hydraulics |
| 2 Adept Technology | 14 Desoutter | 30 Parker - ParkerStores |
| 3 Advantech | 15 Graco | 30 Parker - Pneumatics |
| 4 Apex Cleco Tools | 16 Holtec Gas Systems | 31 Proportion-Air Inc. |
| 5 Apex Dynamics | 17 HTE Audit Services | 32 R+W Coupling Technology |
| 6 Applied Motion Products | 18 HTE PPE Service | 33 Rethink Robotics |
| 7 Atlas Copco - Air Dryers | 19 HTE Rental Services | 34 Rittal Corporation |
| 7 Atlas Copco - Blowers | 20 HTE TechTeam | 35 Schmalz |
| 7 Atlas Copco - Oil-Flooded Compressors | 21 Ingersoll Rand - Material Handling | 36 Sovella, Inc. |
| 7 Atlas Copco - Oil-Free Compressors | 21 Ingersoll Rand - Tools | 37 SPX Power Team |
| 7 Atlas Copco - Vacuum | 22 Intelligent Actuator Inc. (IAI) | 38 Sullivan Palatek Portables |
| 8 Balluff Sensors - Connectivity | 23 KolverUSA | 39 Tri-Tronics |
| 8 Balluff Sensors - Measurement | 24 LNA Laser Technology | 40 VP Instruments |
| 8 Balluff Sensors - Object Detection | 25 MB Connect Line | 41 Wago Corporation |
| 8 Balluff Sensors - RFID | 26 Metreel | |
| 9 Chicago Pneumatic | 27 Mitsubishi Electric Automation | Affiliates & HTE Exhibits |
| 10 Clemco | 28 Murr Elektronik | 42 Ameren Illinois |
| 11 Clippard | 29 PARCO Inc. | 43 Ameren Missouri |
| 12 Cognex - ID | 30 Parker - Airtex | 44 Beckwood Press |
| 12 Cognex - Sensor/Checker | 30 Parker - Cylinders | 45 Epic Systems |
| 12 Cognex - Vision | 30 Parker - Fluid Connectors | 46 Versatech |



Entrance & Exit

Parking Lot B

POPLAR STREET Parking Lot A

- Registration
- Information & Hospitality Desk
- Tour Start Location
- First Aid
- Bat Engraving
- Phone Charging
- Brad Thompson Autograph
- Brad Thompson Address
- Seminar Rooms
- Hot Food
- Soda/Snacks
- Beer
- Restrooms
- Women's Restroom
- Men's Restroom
- Prize Station
- HTE Cannon-Ball
- First Robotics
- HTE Photo Op
- Grand Slam Trivia
- Baxter Photo Op
- Play Tic Tac Toe with Baxter

MEET BRAD THOMPSON



2006 World Series
Relief Pitcher for the
St. Louis Cardinals

Drafted by the St. Louis Cardinals in 2002 out of Dixie State College of Utah, Brad made his major league debut in May 2005 and holds the AA single-season scoreless innings streak. In his rookie season, he had a 2.95 ERA in 55 innings pitched and 40 appearances.

He currently co-hosts *The Fast Lane*, the top-rated sports radio show in St. Louis, on 101 ESPN.

Brad will sign autographs from 10:30-11:30 a.m. near the Hospitality Desk on Level 1.



From noon to 12:30, hear Brad speak in the Cardinals Club on the lower level next to the Matheny Pressroom.



PITCH FOR PRIZE

PITCH IN THE STADIUM BULLPEN
TO AN OFFICIAL BULLPEN CATCHER
WITH A RADAR GUN

Take the
SUTTER #42 Challenge

Pitch the ball
at EXACTLY
42 MPH
and WIN a prize!

1:15 to 3:15 p.m.
In the VISITORS Bullpen



CHALLENGE A ROBOT AT TIC TAC TOE



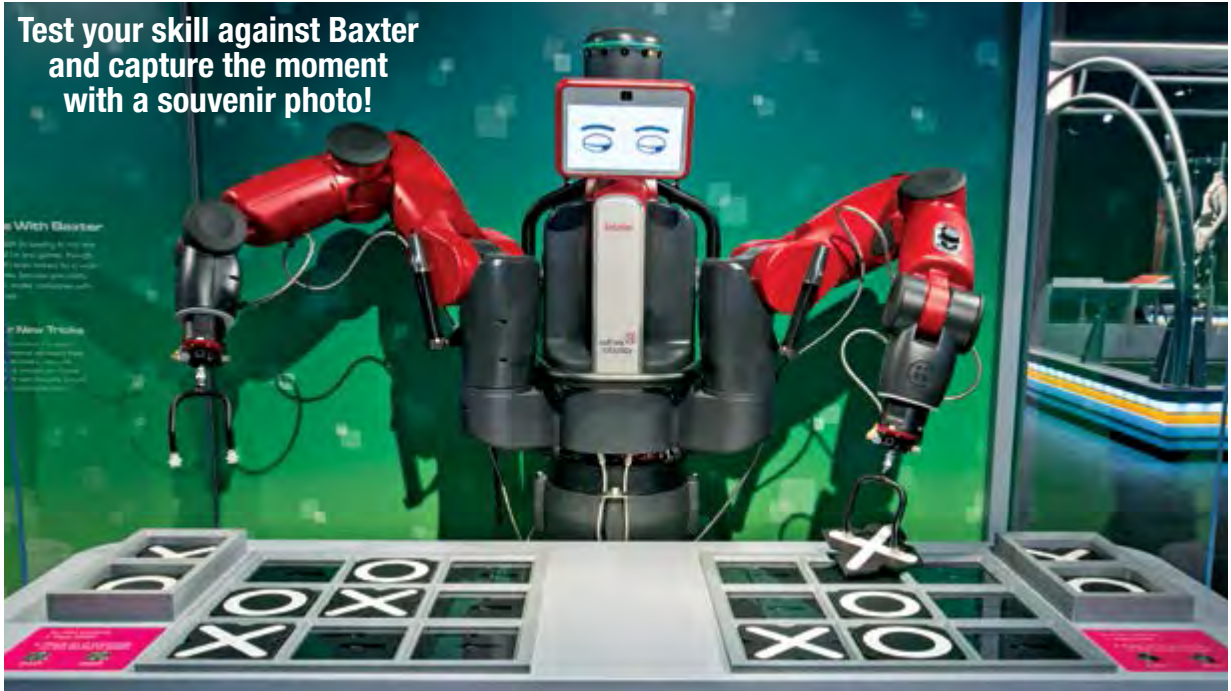
Try your luck at Tic Tac Toe against Baxter, the amazing collaborative robot. You may win 4 tickets to the special exhibit *ROBOT REVOLUTION*, now showing at Chicago's Museum of Science and Industry. (www.msichicago.org)

This summer, Baxter is wowing crowds at the Museum of Science and Industry by playing Tic Tac Toe on a board created by HTE's own *TECHTEAM* robotics specialist Dave Pekar! But you can play it here first! See **Booth #20** and have your picture taken with Baxter afterwards.

HTE assists local manufacturers to implement Baxter by creating custom end-effectors (grippers).



Test your skill against Baxter
and capture the moment
with a souvenir photo!



TOURS

STADIUM TOURS

Many tours are SOLD OUT! If you have not already signed up for one but would like to see the stadium up close, please check with the Hospitality Desk for cancellations.

Tours begin at 10:00 a.m. and depart every 1/2 hour until 4:00 p.m.



CARDINALS HALL OF FAME SELF-TOUR

With the ticket that was included in your Registration Packet, you are free to go on your own schedule to visit the Cardinals Hall of Fame today. Located in Ballpark Village.

REMEMBER THIS DAY!

MAKE MEMORIES:



Take home an official WORLD SERIES of MANUFACTURING photograph of yourself!



Ham it up with Baxter at the Baxter photo kiosks.

Buy an engraved baseball bat
10:00 a.m. to 4:30 p.m.



Build a memory at Build-A-Bear
10:00 a.m. to 3:00 p.m.
(10% off today only!)

Shop at the Cardinals Store for souvenirs
10:00 a.m. to 6:00 p.m.

Fun

CHALLENGE A KID!



FIRST is an acronym for For Inspiration and Recognition of Science and Technology. The organization's mission "is to show students of every age that science, technology, and problem-solving are not only fun and rewarding, but are proven paths to successful careers and a bright future for us all."

You can join in the fun by challenging FRC Cavaliers – Team 2978, and FRC Cyborg Cats – Team 4256 on FIRST Field.



HTE

TECHNOLOGIES

Proudly Sponsors:

The DuBourg Cavaliers
TEAM 2978

and

The Westminster Cyborg Cats
TEAM 4256

"We wish you the best in all your competitions, but more importantly, we wish you all the best with the excitement that comes with team camaraderie while learning business realities as well as excelling on the technical side. The competition adds that whole dimension of winning together and losing together – great life lessons for these talented young folks."

Kim Shearburn – President HTE Technologies

A Special Thanks To Our Sponsors



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remote maintenance solutions



Our Special Guest



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Registered Program Ally



Productivity Powered by Innovation

HTE is committed to the success of our regional manufacturers. We offer you technical training and product solutions to accelerate throughput, lower costs, improve safety, and optimize quality.

Our experienced industrial productivity specialists engage with customers to listen, create and solve specific plant challenges, backed by the HTE **TECHTEAM**...a powerful resource of:

- Our engineering, service and fabrication technical specialists
- Leading industrial manufacturing solution partners from around the globe
- A 55-year-long commitment to complete life-cycle support of the products and services we supply

The logo for TECHTEAM features the word 'TECHTEAM' in a bold, white, all-caps sans-serif font. The text is set against a background of three vertical bars: black on the left, blue in the middle, and red on the right.

TECHTEAM

ST. LOUIS HEADQUARTERS

2021 Congressional Dr.
St. Louis, MO 63146
314.731.4444 - Ph
314.731.4424 - Fx

DECATUR BRANCH

2415 N. 22nd St.
Decatur, IL 62526
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- > Robots & Collaborative Robots (Cobots)
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- > Enclosures & Panels
- > Machine Safety, Guarding & Extrusions

FLUID POWER • LUBRICATION

- > Hydraulic & Pneumatic Components
- > Hose, Connectors, Tubing & Fittings
- > Hydraulic Power Units & Custom Manifolds
- > Lubrication & Filtration

FASTENING • LIFTING & POSITIONING

- > Air Tools & DC Electric Fastening Systems
- > Hydraulic Tools & Workholding
- > Crane Rail Systems, Hoists & Winches
- > Ergonomic Lifting & Positioning

COMPRESSED AIR • PROCESS EQUIPMENT

- > Air Compressors, Dryers & Piping Systems
- > Vacuums & Blowers
- > Chillers & Cooling Towers
- > Nitrogen Generators
- > Remote Equipment Monitoring
- > Parts & Lubricant for ALL BRANDS

METAL FINISHING

- > Blast Cabinets & Rooms; Manual & Automated
- > Dust Collectors & Reclaims
- > Abrasive Blast Media
- > Abrasive Blast Parts for ALL BRANDS