

Automation and Robotics 2016

(Theme: Automation and Robotics for a Sustainable Future)

About the Conference:

Automation and Robotics 2016 welcomes attendees, presenters, and exhibitors from all over the world to Philadelphia, USA. We are delighted to invite you all to attend and register for the “**2nd World Congress on Automation and Robotics (Automation and Robotics 2016)**” which is going to be held during June 13-15, 2016 in Philadelphia, USA.

Automation and Robotics 2016 brings together Scientific Researchers and technologists from the fields of automation, robotics, control systems on automation, Network-based systems, test automation, automated vision tracking, etc. and give knowledge on advance research and emerging technologies in industrial automation and their applications. The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Automation and Robotics 2016**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Automation and Robotics 2016 organizing committee look forward to meeting you in Philadelphia, USA.

For more details please visit- <http://www.industrialautomation.conferenceseries.com/>

Importance & Scope:

Due to unpredictable technology development, the industries are trying to reduce man power where they trying to increase automation function in various sectors. Now automation is used in each and every company where machines are involved and some or other process is involved. Many fields like robotics, mechatronics, control systems, electronics, wireless, laser technology, automotive motors are depended only on this Automation functions. The conference organizers aim is to gather the researcher's academicians and scientists from the field of Industrial Automation community and to create an approach towards global exchange of information on technological advances, new scientific innovations, and the effectiveness of various regulatory programs towards industrial automation.

Why Philadelphia?

Philadelphia is the largest city in the Commonwealth of Pennsylvania, the second largest city on the East Coast of the United States, and the fifth-most-populous city in the United States. It is located in the Northeastern United States along the Delaware and Schuylkill rivers, and it is the only consolidated city-county in Pennsylvania. Philadelphia is the economic and cultural centre of the Delaware Valley, home to over 6 million people and the country's sixth-largest metropolitan area. Within the Delaware Valley, the Philadelphia metropolitan division consists of five counties in Pennsylvania and has a population of 4,008,994. Popular nicknames for Philadelphia are Philly and The City of Brotherly Love.

In 1682, William Penn founded the city to serve as capital of Pennsylvania Colony. By the 1750s, Philadelphia had surpassed Boston to become the largest city and busiest port in British America, and second in the British Empire, behind London. Philadelphia was one of the nation's capitals during the Revolutionary War, and the city served as the temporary U.S. capital while Washington, D.C., was under construction. The city is the centre of economic activity in Pennsylvania, and is home to the Philadelphia Stock Exchange and several Fortune 500 companies.

Philadelphia is known for its arts and culture. The cheese steak and soft pretzel are emblematic of Philadelphia cuisine, which is shaped by the city's ethnic mix. The city has more outdoor sculptures and murals than any other American city, and Philadelphia's Fairmount Park is the largest landscaped urban park in the world.

Nowadays the vibrant city is modernized yet still pieces of history are evident. If you would like to visit either for business or holidays, there is a huge variety of holiday accommodation to choose from and compare with from leading five star hotels to budget motels. Spoil yourself in the exciting range of restaurants and visit attractions to get a real classic feel of the place. Pennsylvania is a great place to start a business, it's one of the most business friendly states in the US. It offers easy access to capital, low tax rate, and numerous colleges and universities so access to top quality brain power is easy.

Conference Highlights:

- Automation Tools & Technologies
- Control and Mechatronic Systems
- Robotics and applications
- Automation in manufacturing
- Information technologies for automation systems
- Process & energy automation
- Industrial informatics
- Wireless in Manufacturing and Industrial Communications
- Automated Aerospace Manufacturing
- Machine Automation Technology

Why to attend???

With members from around the world focused on learning about automation technologies, this is your single best opportunity to reach the largest assemblage of participants from the Automation community. Conduct demonstrations, distribute information, acquire knowledge about current and trending automation technologies, make a splash with a new research, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Industrial Automation fields are hallmarks of this conference.

Major Automation and Robotics Societies around the Globe

International Society of Automation (ISA)

Robotics and Automation Society

Measurement, Control & Automation Society

Association for Laboratory Automation-UK

Association for Standardization of Automation and Measuring Systems-Germany

Major Automation Societies in USA

American Automatic Control Council (AACC)

Instrumentation, Systems, and Automation Society (ISA)

Association for Laboratory Automation (ALA)

Automated Imaging Association (AIA)

Robotics and Automation Society

Society of Home Automation technologies

EDA Consortium automation Association

Statistical Analysis of Automation Societies

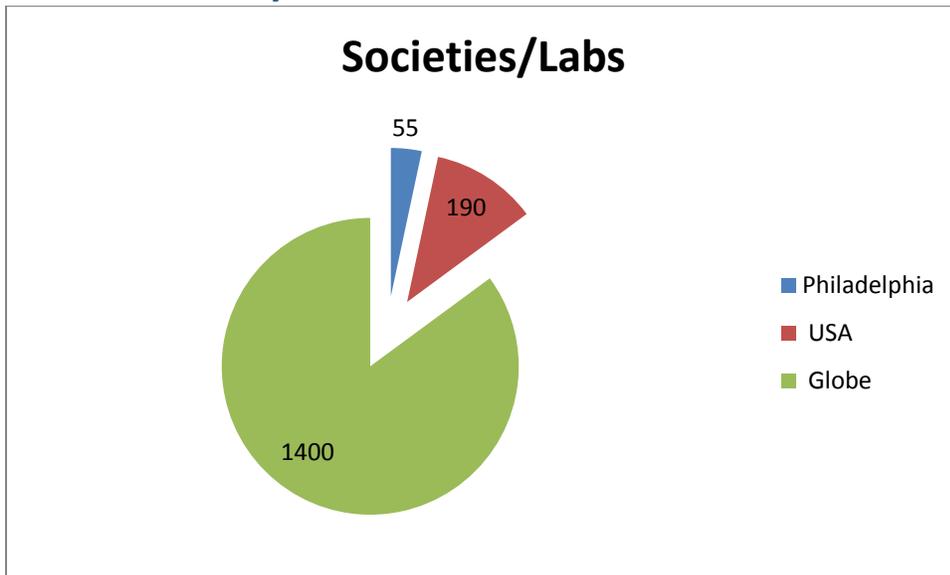


Figure 1: Statistical Analysis

Target Audience:

- Automation and Robotics Lab Directors/Associates
- Head of the Departments from the field of Automation, Robotics, Mechatronics, Control systems
- CEO's of the Automation manufacturing Companies
- Automation researchers and academicians
- Automation doctorates
- Control systems and Mechatronics expertise
- Professors and Students from Academia in the study of Industrial Automation and Robotics field.

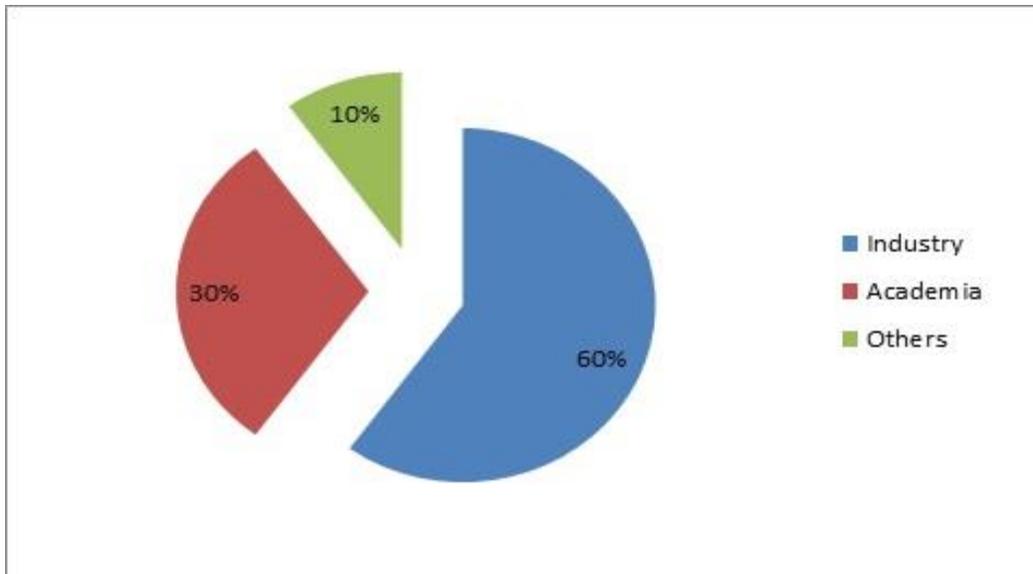


Figure 2: Target Audience

Top Universities in USA:

Central Washington University in Ellensburg, WA

University of Dayton in Dayton, OH

Ball State University

Indiana State University

Northern Michigan University

Virginia State University

Wayne State University

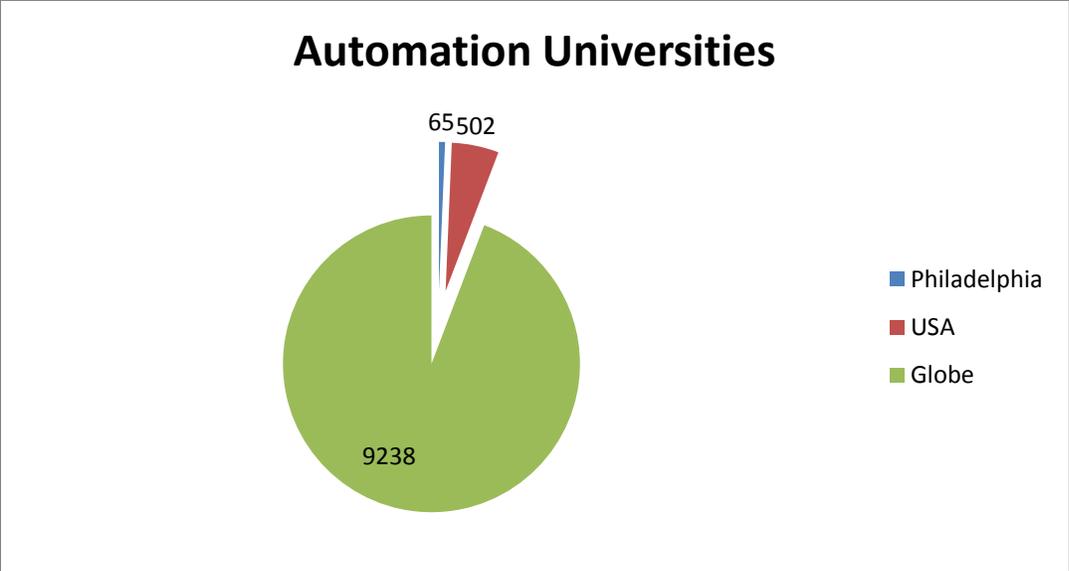


Figure 3: Top Universities in USA

Companies Associated with Automation and Robotics

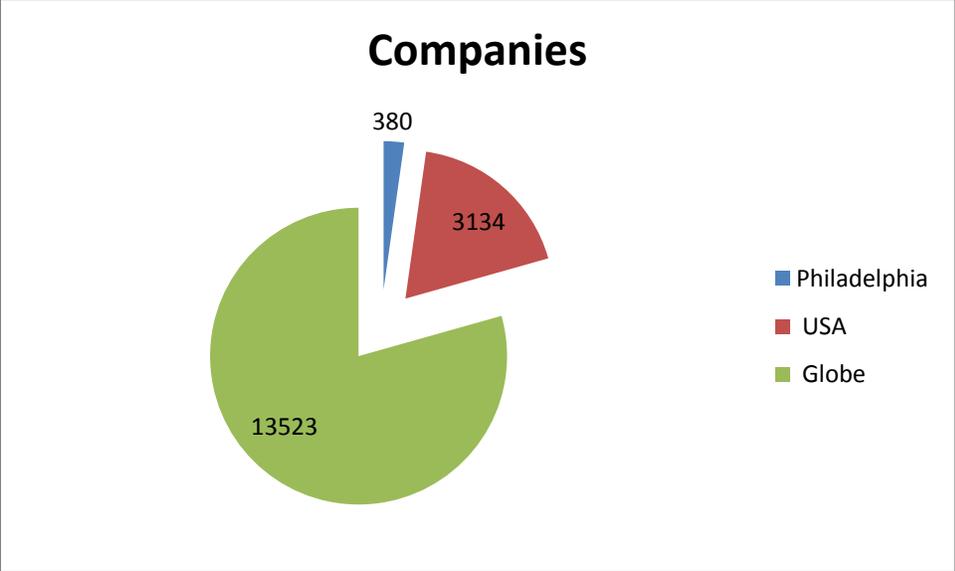


Figure 4: Companies Associated with Automation and Robotics

Industries Associated with Automation and Robotics

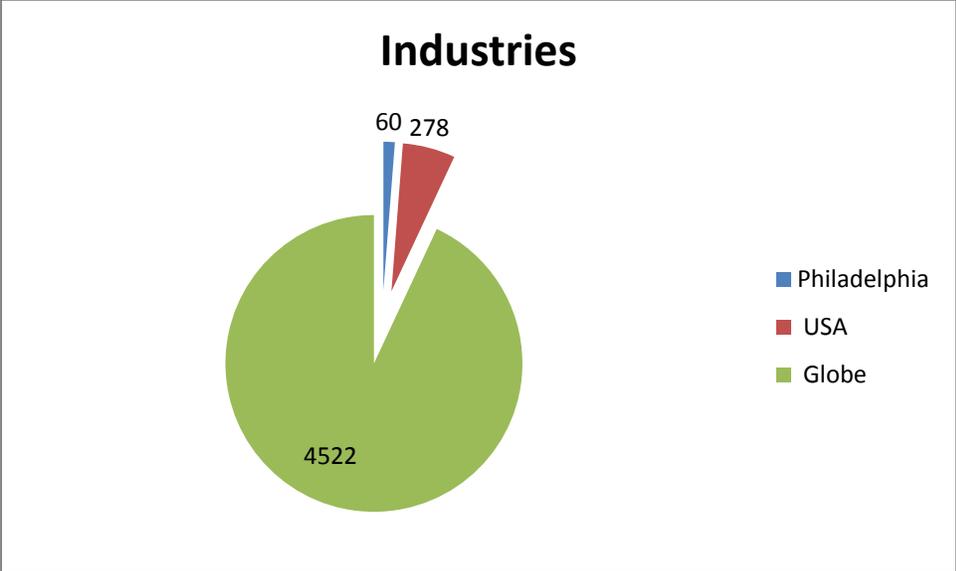


Figure 5: Industries Associated with Automation and Robotics

Glance at Market of Automation and Robotics:

Automation is the latest trending technology in many fields especially in industries like manufacturing, control systems, mining, etc. The current era fully rolled out with many new automation technologies. In such case more automation companies and industries were newly introduced within market which obviously shows the market growth of Automation. Robotics, Mechatronics, Control Systems, Artificial Intelligence are the main streams in Industrial Automation were all contains a good market growth.

While analyzing the revenue growth of Automation and Robotics, it highly developed from \$150 billion USD to \$250 billion USD since from 2010-2014. And the annual growth percentage increases from 20-55 percentages, which clearly shows that an industrial automation technology contains huge scope in coming years.

Market Growth of Automation and Robotics

Statistics which shows growth in importance of Automation and Robotics

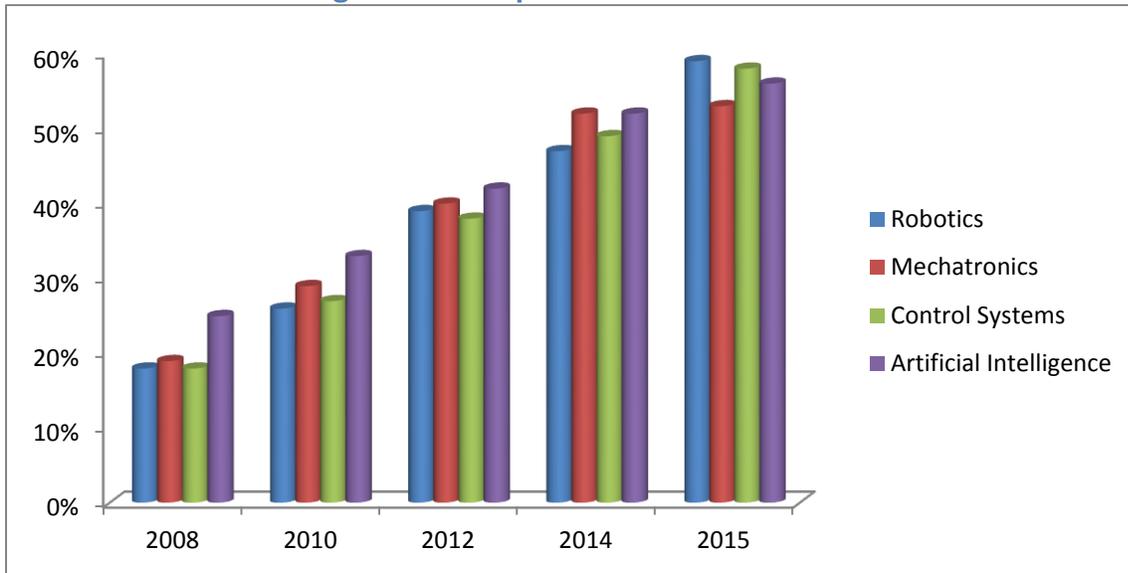


Figure 6: Global Growth of Automation and Robotics field

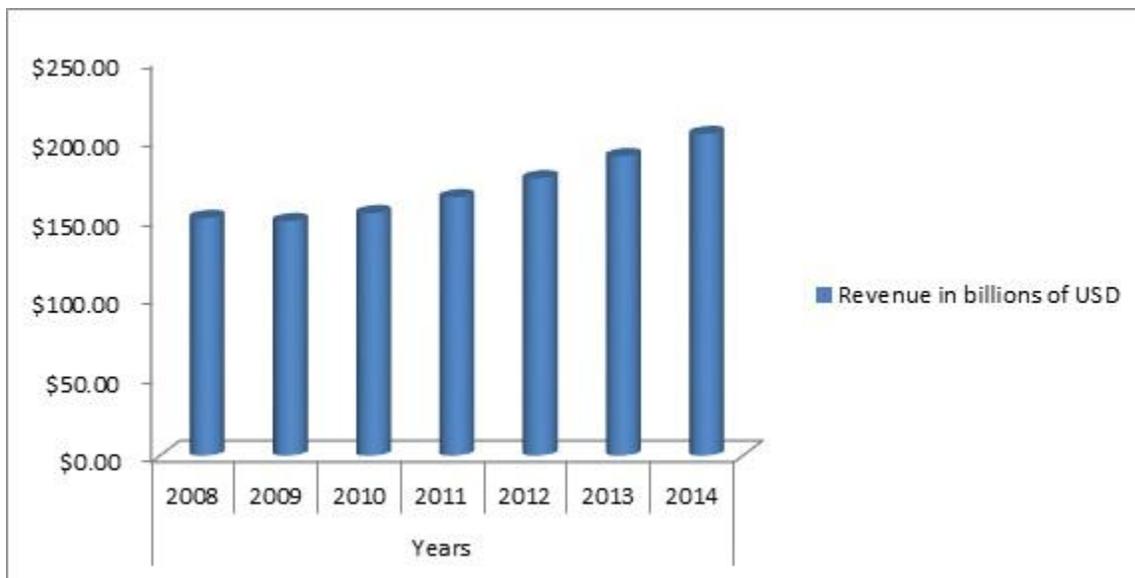


Figure 7: Revenue Growth of Automation and Robotics industries

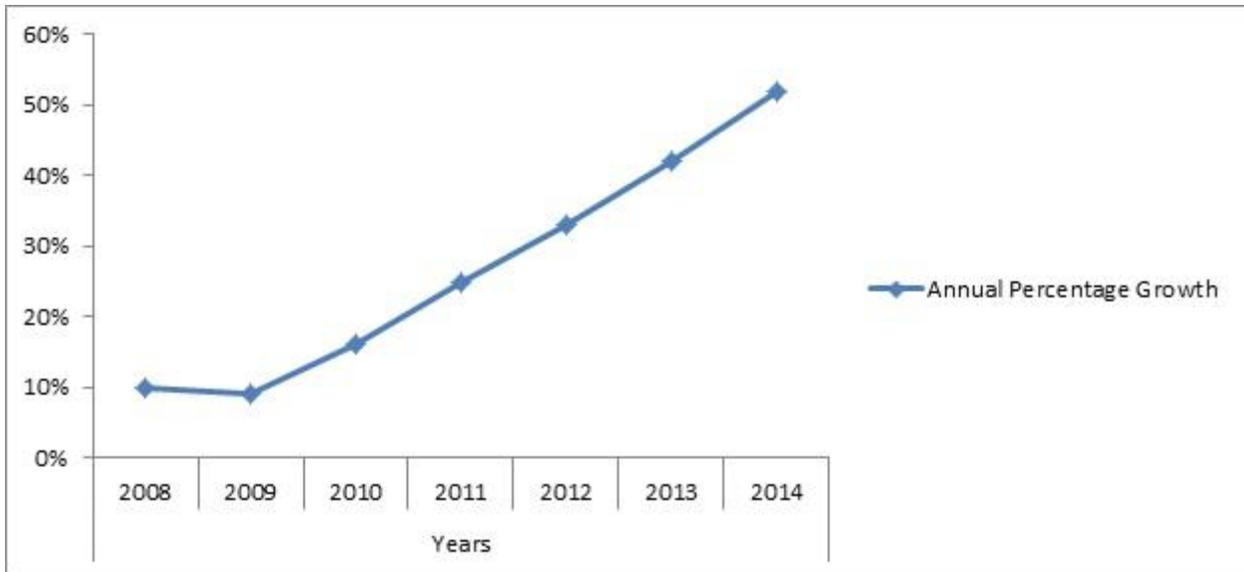


Figure 8: Annual Percentage Growth of Automation and Robotics industries

Statistics of Physicians, Researchers and Academicians working on Automation and Robotics:

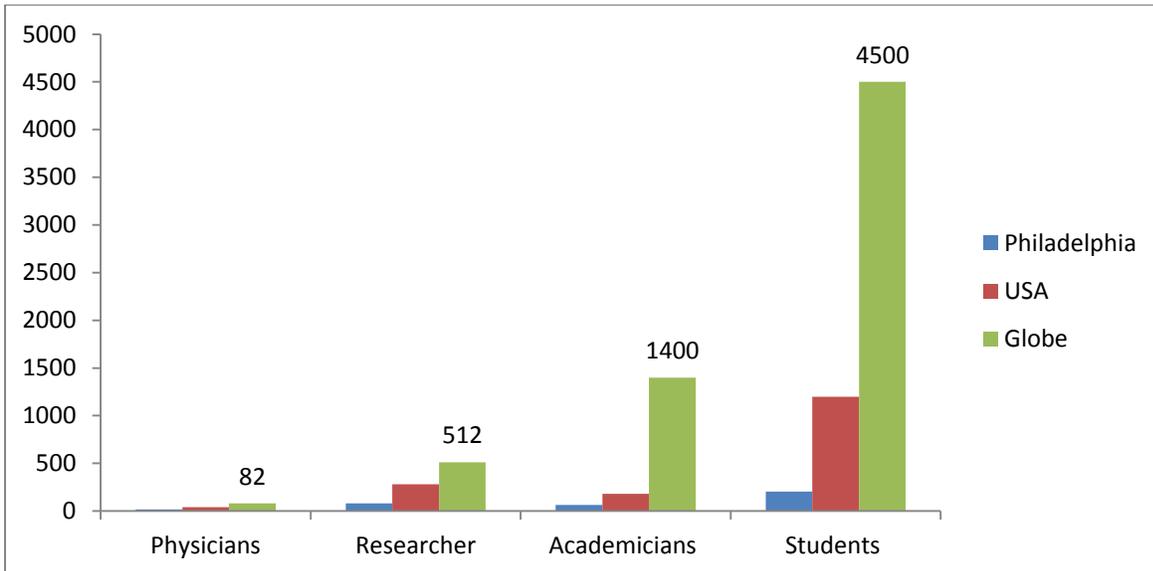


Figure 9: People