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PDF World

Robotics 2017

International
Robotics

Federation Of
2017

Robotics

International

Federation Of

Robotics

As recognized,
adventure as
competently as
experience just about

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lesson, amusement,

as skillfully as
arrangement can be
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that can be your
partner.

**World Robotics
Report 2017**

Summary -

*OUTLOOK on World
Robotics Report 2019*

by IFR Our Popcorn

Movie Dystopia -

~~SOME MORE NEWS:~~

~~THE MOVIE~~

~~Conference~~

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~~presentation of the
contributed paper PF-
FORCA-MPG ARIAG
- Agile Robotics~~

~~Development for
Manufacturing Robots
- NIST - Scenario 4~~

RoboLeague

Documentary

TLALOC FIRST

Global 2017 Robot

Robotics 2017

~~Summary IFR Press~~

~~Conference on World~~

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~~Robotics Report 2016~~

**2017 Mechatronics
Competition Robot
Win! 2017 First**

Robotics Competition

Welcomes

International High

School Students

~~Robotics—An~~

~~introduction 2017 ICF~~

~~Canoe Sprint World~~

~~Championships,~~

~~Racice, Men's C 1~~

~~200m Final A. The~~

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~~2020 FIRST Global
Challenge Celebration
? Amazon Empire:
The Rise and Reign
of Jeff Bezos (full film)~~

| ~~FRONTLINE~~

"ROVER ROBOT" in
ROBOFEST - 2019 |

Winner |

MECHATRONICS

DEPARTMENT |

GCET COLLEGE |

CVMU AEffective

Robotics - 2017 US

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~~Meet the Teams 2017~~

~~Welcome to World~~

~~International~~

~~Robotics League~~

~~2017 Season~~

~~Robotics 2017~~

~~Webinar | BRICS~~

~~digital policies update~~

~~World Robotics 2017~~

~~International~~

~~Federation~~

~~Executive Summary~~

~~World Robotics 2017~~

~~Industrial Robots 21~~

~~followed by Japan~~

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which had the highest robot density up to 2012 (1,562 robots per 10,000 employees in the automotive industry). Since then, the rate has been decreasing to 1,240 robots in 2016.

France reached a robot density of 1,150 units, Germany 1,131 units and Spain 1,051 units.

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Robotics 2017

~~World Robotics 2017~~

~~International~~

~~Federation Of~~

~~Robotics~~

"The International

Federation of

Robotics is here to

provide a reliable and

highly trained

professional network

for the robotics

community. By

sponsoring the

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International 2017

Symposium on
Robotics (ISR), the
IFR stands as a major
driver for researchers
and engineers from
around the globe,
allowing them to
present their
pioneering works in
service and industrial
robotics."

International

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~~Federation of~~ 2017
Robotics

The World Robotics
Federation Of
Report 2017, released
today by the

International
Federation of
Robotics (IFR)

forecasts 18% growth
in industrial robot
installations for 2017,
with growth of about
15% forecast for
2018–2020. Stronger-

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than-expected growth in the global economy, faster business cycles, greater variety in customer demand, and the emergence and expected scaling up of “Industry 4.0” concepts are all factors behind the optimistic forecast.

~~Cobots forecasted~~

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~~accelerating growth
through 2020~~

The International
Federation of

Robotics released its
latest World Robotics
Report today,
showing a record high
381,000 industrial
robots shipped
globally in 2017. In
addition, with \$16.2
billion in sales volume
in 2017, global sales

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have now increased
by 114% over the last
five years
(2013-2017).

Robotics

~~World Robotics 2017~~

~~ifr~~

~~au.soft4realestate.co~~

~~m~~

The International

Federation of

Robotics released its

latest World Robotics

Report today,

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showing a record high 381,000 industrial robots shipped globally in 2017. In addition, with \$16.2 billion in sales volume in 2017, global sales have now increased by 114% over the last five years (2013-2017).

~~Global Industrial
Robot Sales Doubled~~

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~~Over Last Five Years~~

...

The International
Federation of

Robotics (IFR) today

released its annual

World Robotics

Report, which showed

an annual global

sales value of \$16.5

billion in 2018. The

IFR said 422,000

were shipped globally

in 2018, an increase

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of 6% compared with 2017 shipments. However, the group said shipments in 2019 will recede from the record levels in 2018, but also expects an average growth of 12% per year from 2020 to 2022.

~~World Robotics
Report: Global Sales~~

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~~of Robots Hit \$16.5B~~

...
Dr. Susanne Bieller.
IFR General

Secretary. Lyoner Str.
18 DE-60528

Frankfurt am Main

Phone: +49

69-6603-1502 E-Mail:

secretariat(at)ifr.org

International
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Robotics

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Global sales in 2017
service robots for
professional use will
increase by 12% by
the end of 2017 to a
new record of 5.2
billion (USD), while
the market is
expected to grow at a
rate of 20 to 25% from
2018 to 2020,
according to the
International
Federation of

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Robotics (IFR) 2017,
World Robotics 2017
Service Robots.

Federation Of

International

Federation of

Robotics: Global

market for ...

“The stock of
industrial robots
operating in factories
around the world
today marks the
highest level in

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history,” says Milton Guerry, President of the International Federation Of Robotics. “Driven by the success story of smart production and automation this is a worldwide increase of about 85% within five years (2014-2019).

~~IFR presents World
Robotics Report 2020~~

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~~International 2017~~

Downloads with
information on World
Robotics 2020 -

Industrial Robots and
Service Robots are
available under Free
Downloads. World
Robotics 2020 was
published on 24
September 2020. You
may place your order
for World Robotics
2020 here. If you click

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on purchase you will be forwarded to the VDMA shop. Please note: We don't grant any discounts.

~~International
Federation of
Robotics~~

The International Federation of Robotics is a professional non-profit organization

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established in 1987 to promote, strengthen and protect the robotics industry worldwide. Factory automation with KUKA industrial robots for palletizing food products like bread and toast at a bakery in Germany
The Mars rover as an example for a mobile service robots

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Robotics 2017

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Federation of

Robotics — Wikipedia

Bloomberg the

Company & Its

Products The

Company & its

Products Bloomberg

Terminal Demo

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Bloomberg Customer
Support Customer
Support

Federation Of

International

Federation of

Robotics: France

Outperforms ...

The International

Federation of

Robotics (IFR) started

its first CEO

Roundtable

discussion at the

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AUTOMATICA in 17

Munich in 2010. ...

World Robotics

Report 2019 ... World

Robotics Report 2017

...

~~IFR International~~

~~Federation of~~

~~Robotics YouTube~~

International

Federation of

Robotics.

Representing the

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global robotics 2017
industry • Robotics
turnover 2016: \$40
billion • More than 50
members: • National
robot associations ...
Source: IFR World
Robotics 2017.
Steven Wyatt, IFR
Executive Board .
Today's trends,
tomorrow's robots!

~~How robots conquer~~

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~~industry worldwide~~

The sales value increased by 21% compared to 2016 to a new peak of

US\$16.2bn in 2017.

Junji Tsuda, President of the International Federation of Robotics, said:

“Industrial robots are a crucial part of the progress of manufacturing

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industry. Robots 2017

evolve with many cutting-edge technologies.

Robotics

~~Global industrial robot sales double over past five years ...~~

A record 381,000 industrial robots were shipped globally in 2017, according to the latest International Federation of

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Robotics (IFR) World Robotics Report. The new figure represents an increase of 30 percent, which means annual sales volume of industrial robots increased by 114 percent over the last five years (2013-2017).

~~Top 5 industrial robotics markets~~

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~~The Robot Report~~

Steven Wyatt (ABB, Switzerland) has been elected as the new

President of the

International

Federation of

Robotics by its

Executive Board.

Wyatt succeeds Junji

Tsuda (Yaskawa

Electric Corporation),

who has served in the

rotating post since

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December 2017

Milton Guerry
(SCHUNK, USA) has
been appointed as
IFR's new Vice
President.

~~International
Federation of
Robotics elects
Steven Wyatt ...~~

The International
Federation of
Robotics is the voice

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of robotics in the
world. We connect the
community around the
globe. Our members
come from the
robotics industry,
national or
international...

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68c3a43b3a