

2023 National Engineer's Week Honors & Awards Banquet

February 15, 2023



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**AEROJET
ROCKETDYNE**



Kravis Center | West Palm Beach

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Agenda

Tonight's Emcee

Michael McGann, Director of Operations
Legends 100.3WLML-FM

National Anthem

Opening Remarks

Kelly Smallridge, President & CEO
Business Development Board

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Mary Anne Cannon, Vice President
Pratt & Whitney

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Jim Maus, Executive Director
Aerojet Rocketdyne

Keynote Speaker

Shawn Quinn, Manager, Exploration Ground Systems
NASA John F. Kennedy Space Center

Presentation of Awards

BDB AAE Task Force Chairman
Cris Vigil, Sr. Vice President and Principal, BRPH

Thank you for joining us tonight!





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Keynote Speaker

Shawn Quinn

Manager, Exploration Ground System

Shawn Quinn is the manager of NASA's Exploration Ground Systems Program at the John F. Kennedy Space Center. In this position, he is responsible for leading the government and contractor team that is preparing the ground systems, infrastructure, facilities, and operations required to process and launch NASA's space launch systems and spacecraft in support of the Artemis program and our nation's return to the Moon.

Prior to his current role, Quinn was director of Engineering, where he led a large organization of engineers from multiple disciplines in the design, development, and operations of spaceflight hardware and ground systems in support of programs and projects assigned to the Kennedy Space Center, including Commercial Crew, Launch Services, Exploration Ground Systems, and the International Space Station.

Quinn has previous experience with the Exploration Ground Systems Program, where he served as the associate program manager. In that position, he was responsible for ground systems development activities, including design, development, integration, fabrication, construction, activation, and verification and validation of facilities, systems, ground support equipment, and operations planning and execution activities leading to NASA's exploration missions.

Preceding his appointment to the senior executive service, Quinn was the Vehicle Integration and Launch Integration Product Team (VIL IPT) manager. He was responsible for the operations and development of systems at Kennedy's Launch Complex 39, including the launch pads, mobile launcher, crawler sporter, and Vehicle Assembly Building. As manager of the IPT, Quinn oversaw the overall planning and implementation of modifications of Launch Complex 39 systems to support the processing and launch of the Space Launch System and Orion spacecraft.

Quinn also served as the chief of the Lunar Systems Division in Kennedy's Constellation Project Office. He was responsible for development of operations concepts and systems to support ground processing and launch of NASA's lunar spacecraft, including landers and surface systems planned for future human and robotic missions. In this capacity, he had oversight for lunar-phase architecture planning for Kennedy in support of the lunar capability concept review. Prior to his assignment in the Constellation Project Office, he was the requirements and operations manager in the Kennedy Exploration Office.

Quinn has nearly 30 years of experience at Kennedy. He first joined NASA in 1985 in the Engineering Cooperative Education Program while studying for his degree in electrical engineering. As an undergraduate, he also assisted in the development of computer vision systems at the Georgia Tech Research Institute. He earned a bachelor's degree from the Georgia Institute of Technology in 1990, and a master's degree from the University of Central Florida in 1994. In 2006, he was selected for the NASA Massachusetts Institute of Technology (MIT) Accelerated Leadership Fellowship and entered the MIT System Design and Management Program. He completed the program in 2008 with a master's degree in engineering and management.



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Congratulates all

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National Engineers
Week Honorees

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Photo Credit: NASA

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Outstanding Engineering Achievement Merit Awards



Ricky Schied

Aerojet Rocketdyne

Principal Engineer, Propulsion Systems Analysis



Tyler Jennings

Aerojet Rocketdyne

Specialist Engineer



Jared Johnson

Aerojet Rocketdyne

Senior Component Project Engineer



Lee Ryberg

Aerojet Rocketdyne

Senior RS-25 Turbomachinery Hardware Engineer



AGILIS

Revolutionary Insight

Matthew Porter

Agilis Engineering

Senior Program Manager & Customer Owner



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Revolutionary Insight

Chad Campbell

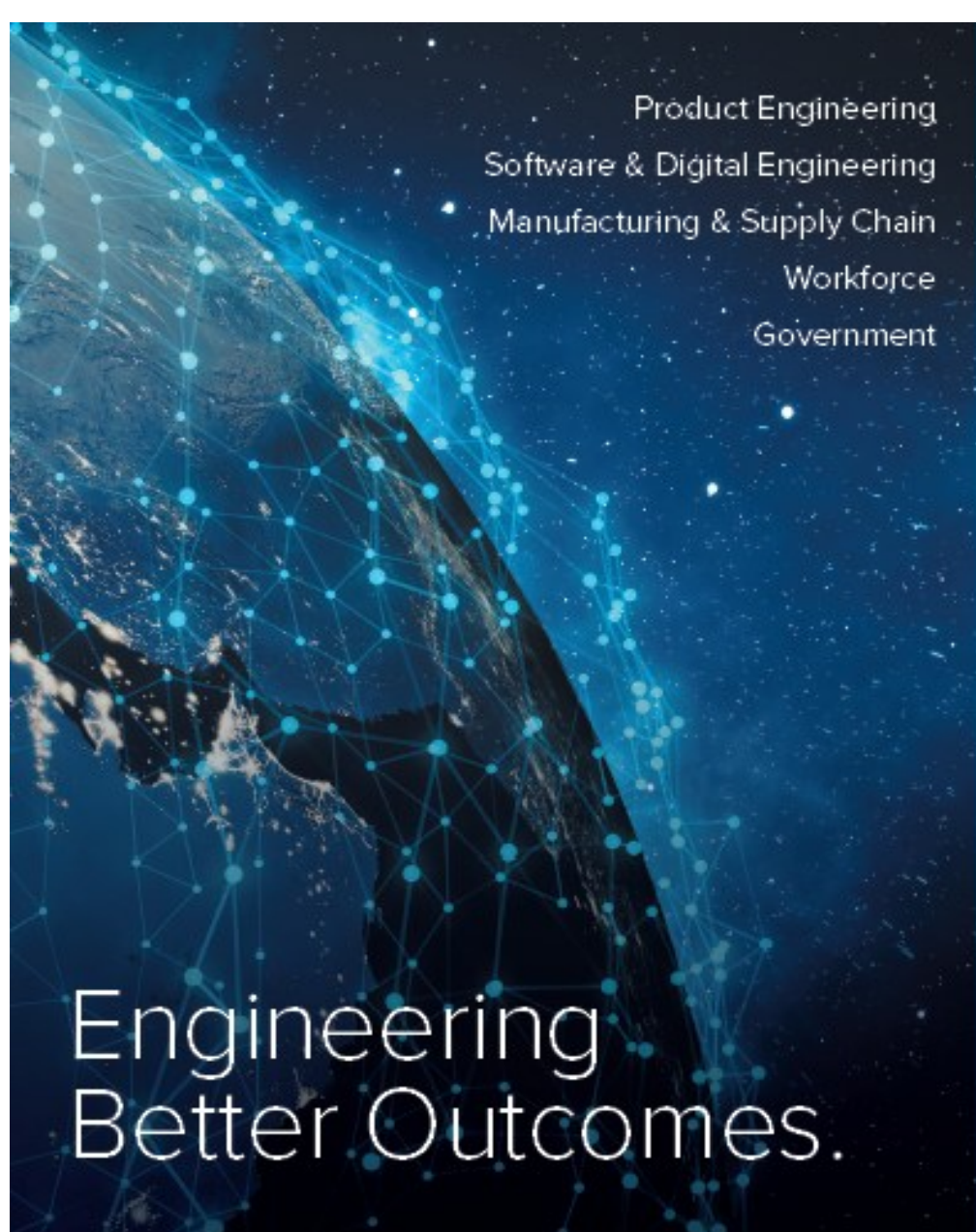
Agilis Engineering

Senior Heat Transfer Analysis Engineer - Discipline Lead



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Outstanding Engineering Achievement Merit Awards



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Patrick Pollock
Agilis Engineering
Senior Mechanical Design Engineer



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Revolutionary Insight

Wayne Frerichs
Agilis Engineering
Senior Mechanical Design Engineer



Belcan

Christian Ali
Belcan Engineering Group, LLC
Senior Engineer, Control Systems & Software



Belcan

John Thompson
Belcan Engineering Group, LLC
Group Leader



BRPH

Eric Bradford
BRPH
National Practice Leader, Structural Engineering



Melissa Jones
NASA Kennedy Space Center
Director, Landing and Recovery



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ROCKETDYNE**



At Florida Power & Light Company we are working together with the communities we serve to make Florida an even better place to raise a family and do business.

We are proud of our nominated engineers and the crucial role they play in shaping our company's future. Your dedication to innovation and excellence is an inspiration to us all.

Congratulations to all nominees this year!

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Outstanding Engineering Achievement Merit Awards



Dr. Kuo-Ting Hsia
Power Systems Manufacturing, LLC
Sr Technical Lead Performance



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Ryan Hunter
Pratt & Whitney
Sr. Principal Engineer - PTMS



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Scott Bennett
Pratt & Whitney
Principal Software Engineer



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Stephen Gagnon
Pratt & Whitney
Principal Engineer, Systems & Software Engineering



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Amir Kalantari
Pratt & Whitney
Tooling & Process Tooling Manager



Khurram Aziz
**Sikorsky, a Lockheed
Martin Company**



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Congratulations to all Honorees and Award Winners!



Image: Courtesy NASA

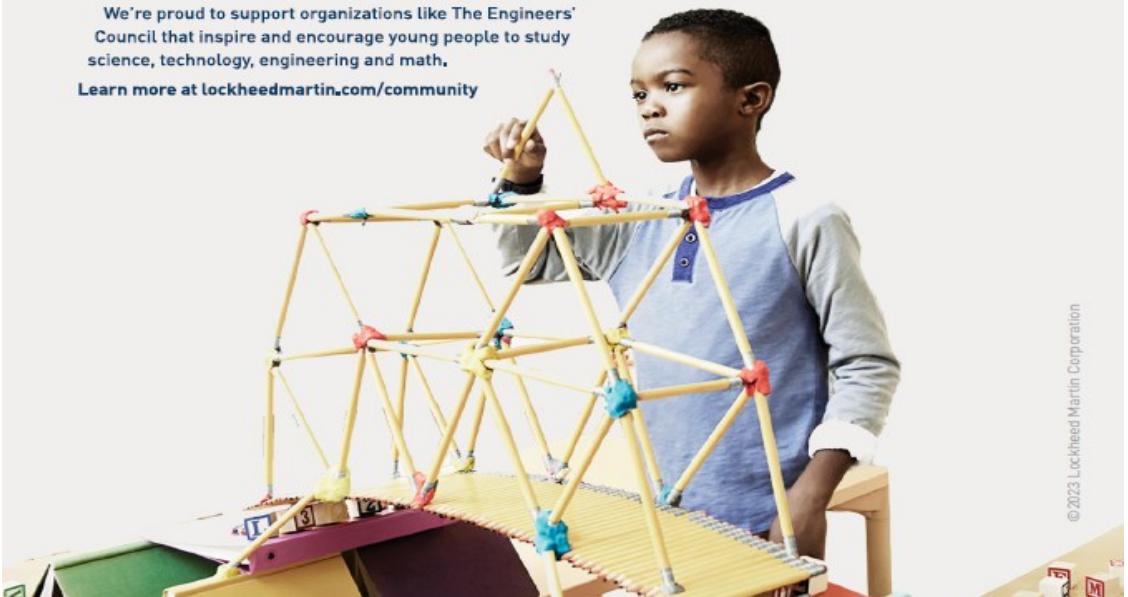
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Outstanding Engineering Project Achievement Awards

**Full Scale Test Accomplishment
Northrop Grumman Corporation**

Team Lead: *Greg Freihofer*

Team Members:

*William Thrall
Joseph Henits
Peter Freshwater
Patrick Anzalone
David Goreschak
Greg Beilsmith
Peter Strawbridge*



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Outstanding Engineering Project Achievement Awards

**Airbreathing Hypersonic Propulsion System
Development & Demonstration Team
Aerojet Rocketdyne**

Team Lead: *Calvan Defreese*

Team Members:

*Corry Johnson
Kenneth Olson
Costante Salvador
Mark Silence
Patrick Griffin
Jiten Patel
Carlin White
Thomas Fortin
Robert McLaughlin
Robert Faulkner
Mary Kafka
Mark Lusa*

*John Barnes
Randall Upton
Chris Suchala
Michael Calandra
Andres Aponte-Hernandez
Joseph Martinez
Eric Meyers
Stephen Ogburn
Leonard Lowinski
Marc Guley
Dean Andreadis*



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Outstanding Engineering Project Achievement Awards

**Proficiency Manager Tool
Belcan Engineering Group, LLC.**

Team Lead: *Mark Welsh*

Team Members:

*Paul Wilson
Nicole Saldias
Okan Gunay
Andrew Cooper
Andrew Tirado
Michael Koizumi*



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Outstanding Engineering Project Achievement Awards

**Flame Sheet Combustion System for Operational
& Fuel Flexibility with Low Emissions
Power Systems Manufacturing**

Team Lead: *Matthew Yaquinto*

Team Members:

*Bryan Kalb
Fred Hernandez
Bernard Sam
David Giel
Andrew Green
Gregory Vogel
Alejandro Rodriguez
Alan Battles
Martin Spalding
Luis Rodriguez
James Bracket*



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Outstanding Engineering Project Achievement Awards

**Power Distribution Enhancement for
Formula 1 Race at The Hard Rock
Florida Power & Light Company**

Team Lead: *Armando Llauro*

Team Members:

*Miguel Piacquadio
Adrian Milian
Graham Harris*



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Outstanding Engineering Project Achievement Awards

**138 kV Submarine Cable Replacement
Florida Power & Light Company**

Team Lead: *Benny Luedike*

Team Members:

*Elizabeth Lukosiunas
Franck Leblanc
Eddie Freay*



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Outstanding Engineering Project Achievement Awards

**SW501F Additive 1st Vane
Power Systems Manufacturing**

Team Lead: *Gregory Vogel*

Team Members:

*Michelle Borja
Alex Torkaman
Vladimir Kitagorod
Lonnie Houck
Ed Kawecki*



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Outstanding Engineering Project Achievement Awards

S-70 Unmanned Flight Demonstration Team Sikorsky - a Lockheed Martin Company

Team Lead: Tad Mondell

Team Members:

*Igor Cherepinsky
Mike Baran
Cauvin Polycarpe
Sean Carlson
Joe Varillo
Josh Leland
Matt Zywiak*

*Jay Jeng
Will Ference
George Loussides
Brian Ibarra
Suleiman Barakat
Steve Kubik
Adam Leone*



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Outstanding Engineering Project Achievement Awards

**Marlin X Conversion Team
Lockheed Martin**

Team Lead: *Doug Williams*

Team Members:

*Jim Whitney
Randy Barrett
Armando Jo-Gonzalez
Kevin Varson
Martin Juliano
Kevin Banks
Ronnie Shand
Mike Schoenewolff
Katie Janney
Domenic D'Abate
Ben Capper
Bryant Forsythe
Kyle Ladyko*



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Outstanding Engineering Project Achievement Awards

**RL10 Nozzle Anomaly Resolution Team
Aerojet Rocketdyne**

Team Lead: *Steve Fentress*

Team Members:

*Adrian Cires
Tyler Buchanan
William Askey
Roland Szabo
Reed Kakuska
Necati Karabiyik
Robert Grabowski
Brian Jacobs
Corry Johnson
Kyle Kreiter*

*Danon Dixon
David Hietapelto
Emily Ehrle
Brendan Coyne
Jay Friant
Dan Morgenthaler
Josh Bogi
Melody Chin See*



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IN THE STATE OF
CALIFORNIA



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Outstanding Engineering Project Achievement Awards

ROKAF 9th Blade HPC Investigation Pratt & Whitney

Team Lead: *Brian Breslin*

Team Members:

*Joe Anastasio
Brian Breslin
Mark Hannan
Ian Inferrera
Lance Kirk
Ismar Lasic
Adam Lecky
Mike Pinto
Karen Sotto
Brandon Starr
Luis Ruiz*



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Outstanding Engineering Project Achievement Awards

**NASA - Gateway - The Deep Space Launch
Complex - Kennedy Space Center
BRPH**

Team Lead: *Raul Aviles*

Team Members:

*Marc Sherman
Rob Bartlett
Daniela Arriagada
David Ogle
Mohammad El Habbal
Eric Bradford*



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Outstanding Engineering Project Achievement Awards

**8.5 Square Mile Area (SMA) Limited
Curtain Wall
R.J. Behar & Company**

Team Leads:

Juan Vazquez, R.J. Behar & Company

Vijay Mishra, South Florida Water Management District

Team Members:

Geo-Solutions team and Tierra South Florida team



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Distinguished Future Technology Leader Award



Sinsar Hsie
Aerojet Rocketdyne
Senior Materials and Processes Engineer



Brett Austin
Aerojet Rocketdyne
Engineer, Mechanical Design



Matthew Penning
Agilis Engineering
Mechanical Design Engineer



Egan Barrs
Agilis Engineering
Mechanical Design Engineer



William Fahrback
Agilis Engineering
Mechanical Design Engineer



Brett Stoia
Agilis Engineering
Mechanical Design Engineer



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Distinguished Future Technology Leader Award

Belcan

Brendan Currie
Belcan Engineering Group, LLC
Engineer, Control Systems & Software

Belcan

Robert Wilson
Belcan Engineering Group, LLC
Software Engineer, Analytics

 **BRPH**

Matthew Chambers
BRPH
Structural Engineer



Dr. Aaron Olson
NASA Kennedy Space Center
Aerospace Technologist - Basic Properties of Materials



Raymond Pitts
NASA Kennedy Space Center
Aerospace Technologist (Gas and Fluid Systems)

**NORTHROP
GRUMMAN**

Jayson Villalpando
Northrop Grumman Corporation
Principal Engineer Software



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Distinguished Future Technology Leader Award



Tom Windeerweedle
Northrop Grumman Corporation
Software Engineer



Michelle Ashmore
Northrop Grumman Corporation
Principal Engineer Structural



Brittany Achor
Northrop Grumman Corporation
Principal Engineer Electronics



Nathan O’Nora
Power Systems Manufacturing, LLC
Staff Engineer



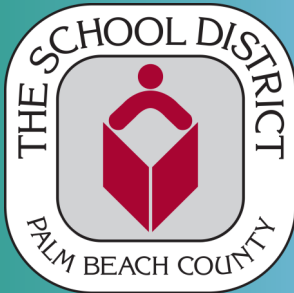
Esther Lee
Sikorsky - a Lockheed Martin Company
Propulsion Flight Test Engineer



STEM Educator Awards



*Dr. Yunqing “Kevin” Kang
Florida Atlantic University
Associate Professor*



*Jennifer Davis
School District of Palm Beach County
Secondary Science Program Planner*

Quality Engineer of the Year Award

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*Dwight Drumtra
Belcan, LLC
Director of Quality & Global Integration*



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Distinguished Engineering Achievement Awards



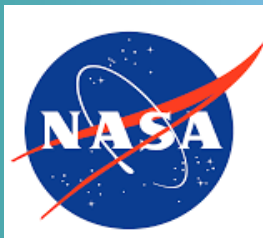
Drew Haas
Aerojet Rocketdyne
Principal, Analysis/Systems Engineering



Richard Patz
Aerojet Rocketdyne
Director, RL10 Chief Engineering



Joseph Joyce
Agilis Engineering
Senior Structural Engineer - Discipline Lead



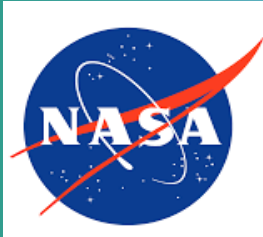
Shawn Quinn
NASA Kennedy Space Center
Manager, Exploration Ground Systems



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Distinguished Engineering Achievement Awards



Charlie Blackwell-Thomas
NASA Kennedy Space Center
Launch Director



Louis Lovas
Northrop Grumman Corporation
Senior Staff Engineer Systems Test



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Lawrence Roberts
Pratt & Whitney
CSE Design Discipline Chief, Manager



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Distinguished Engineering Educator Achievement Award



Dr. Reza Azarderakhsh
Florida Atlantic University
Associate Professor



Dr. Khaled Sobhan
Florida Atlantic University
Professor



PennState

Dr. Karen Thole
Pennsylvania State University
University Distinguished Professor, Mechanical Engineering

John J. Guarrera - Engineering Educator of the Year Award



Dr. Dimitrios Pados
Florida Atlantic University
Professor

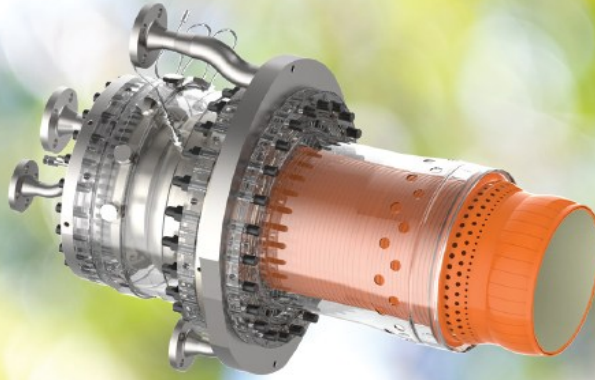


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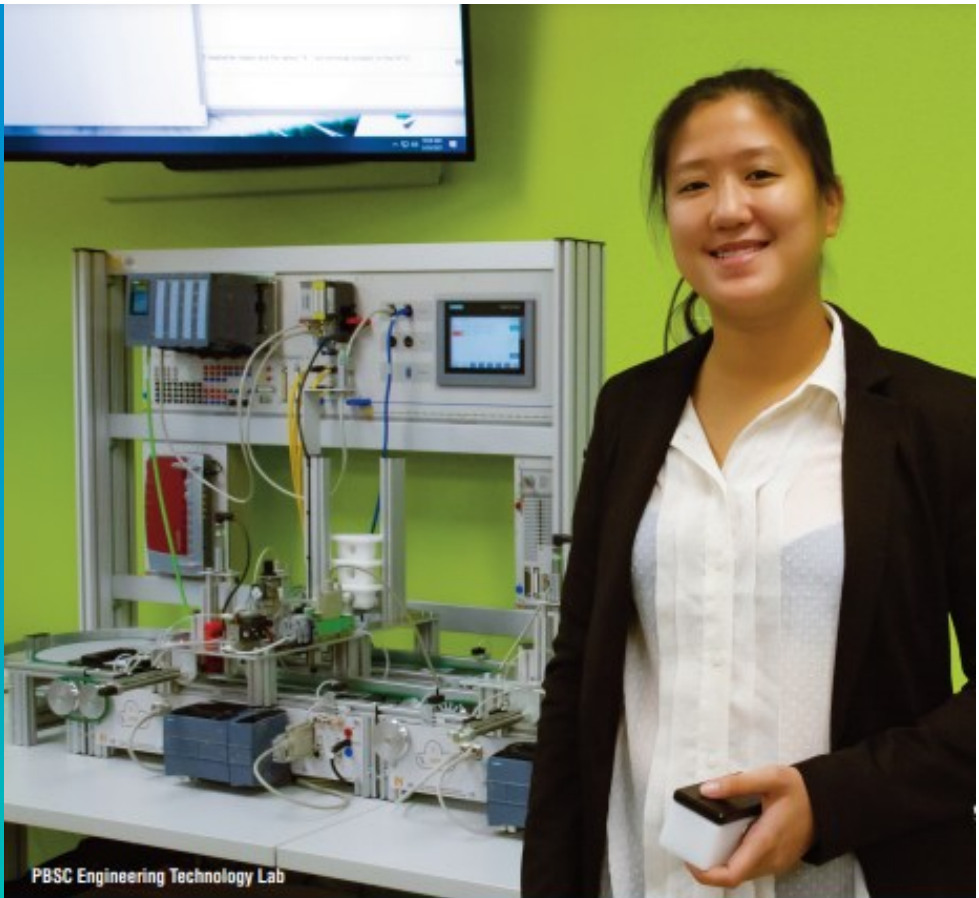
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