



Presented by:
BOSE
Better sound through research.



FOR IMMEDIATE RELEASE Contact Dan Nasitka, Manager of Public Relations | Discovery Science Center | (714) 913-5018 | dnasitka@discoverycube.org

STAR WARS™: WHERE SCIENCE MEETS IMAGINATION EXHIBIT OVERVIEW



On display for the last time in California, only at Discovery Science Center, *Star Wars: Where Science Meets Imagination* explores the fantasy technologies in the *Star Wars* films, the science behind them, and current research that may lead to real-life versions of these technologies. Science Center guests learn how technologies work in the *Star Wars* universe through film clips and over 80 props, models and costumes. Visitors will discover how ideas become technologies in real life through hands-on exhibits, immersive experiences, and cutting edge innovations. The exhibit, presented by Bose Corporation, culminates in two multi-station Engineering Design Labs where visitors design, build and test solutions to challenges.

MAJOR THEMES

The exhibition is organized around two technology themes, solving basic human needs: getting around (transportation) and getting along with ever smarter machines (robotics):

“Getting Around” After examining Luke Skywalker’s landspeeder and other floating vehicles from *Star Wars*, visitors find out how things move without touching the ground in the real world, from models of flying cars to commercial spaceplanes.

“Robots and People” Visitors meet C-3PO and R2-D2 and explore how people relate to the robots in *Star Wars*. The exhibition also features the creation of real world robots that navigate sense and understand the world around them, while communicating in increasingly sophisticated ways.

EXHIBIT ADDRESSES THESE QUESTIONS

- What is technology?
- What part do imagination and creativity play in developing technologies?
- How do science and technology interact and how are they separate?
- How close are we to having technologies like those in the *Star Wars* universe?
- How can we use our scientific and engineering knowledge and skills from the exhibit to create a solution, test it, refine it and make changes based on the testing?
- How can we assess the impact of technology on society?

MAJOR CHALLENGE AREAS

Maglev Engineering Design Lab: Visitors experiment with magnetic levitation, imagining, creating, and testing their own floating Maglev cars by propelling them along a magnetic track.

Robot Engineering Design Lab: Museum-goers become robot designers. They select wheels or treads, experiment with sensors, and program the robot to navigate through a course.

—more—



Presented by:
BOSE
Better sound through research.



OTHER SIGNIFICANT ELEMENTS

Personal Hovercraft: Visitors climb into an air-cushion vehicle and experience how a floating vehicle handles.

Building Communities Augmented Reality Interactive: Together, visitors build a spaceport, moisture farm community, and walled Jawa town. Placing cards on a table—the physical landscape—a computer superimposes a building on a site in virtual reality and real time. Visitors can use these cards to try their hand at designing and building a successful community.

MILLENNIUM FALCON EXPERIENCE

In a full-size replica of the cockpit of *Star Wars* Episode IV's Millennium Falcon, visitors experience a virtual jump to lightspeed, as a multimedia presentation explores what we know about our own galaxy in a breathtaking ride to the edge of the Universe.

HIGHLIGHTS

Star Wars: Where Science Meets Imagination features over 100 *Star Wars* artifacts and real world technologies; numerous videos and interactive exhibits.

Among the Film Artifacts

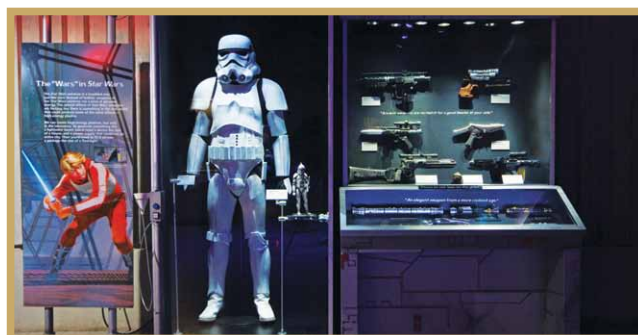
- Luke's Landspeeder Model and Vehicle
- Rebel Blockade Runner Tantive IV Model
- Tarfull Wookiee Costume
- Salporin Wookiee Costume
- Anakin Jedi Costume
- Mace Windu Costume
- Obi-Wan Kenobi Costume
- Yoda (puppet)
- Sebulba Podracer Model
- C-3PO Costume
- R2-D2 Droid
- Princess Leia Costume
- Droideka
- Tusken Raider Costume
- Tusken Woman Costume
- Sandcrawler Model
- Wampa Costume
- Snowtrooper Costume
- AT-TE Model
- Imperial Walker AT-AT Model
- Stormtrooper Costume
- Lightsaber Prop, Palpatine
- Lightsaber Prop, Obi-Wan
- Darth Vader Costume
- Grievous Full Body Maquette
- Anakin's Prosthetic Hand Prop
- Darth Vader Mask Reveal
- Luke's Prosthetic Hand Prop

Among the Real World Technologies

- Segway RMP (Robot Mobility Platform)/CMU Soccer Bot Robot
- Retinal Implant System (Doheny Eye Institute)
- Cochlear Implant (Cochlear Inc)
- BrainGate System (Cyberkinetics)
- C-Leg Microprocessor Knee (Otto Bock)
- Speeder Models: Boeing CRW (Boeing); SpaceShip One (Vulcan); Moller Skycar (Moller)
- Personal Satellite Assistant (NASA Ames)
- Spacecraft Models: Daedalus, Matter/Antimatter Rocket; Interstellar Ramjet; Laser-Augmented Ramjet

HOURS & ADMISSIONS

By timed ticket only and includes general admission to Discovery Science Center's other exhibits. Tickets are \$27.95 adults (15-59), \$24.95 for seniors (60+), and \$22.95 children (3-14). Advance ticket reservations are recommended. For more information or to reserve tickets, visit discoverycube.org/starwars or call 714-513-CUBE. Members can purchase exhibition tickets at a special rate of \$8.00 for adults, seniors and children. Special field trip pricing for *Star Wars: Where Science Meets Imagination* is \$5.00 per student plus the discounted group admission. For group pricing and scheduling, please call 714-913-5030 or email gbdistro@discoverycube.org for details.



###

ABOUT DISCOVERY SCIENCE CENTER

Imaginations run wild through more than 100 hands-on exhibits at Discovery Science Center, Orange County's leading destination for hands-on science fun. Take the Eco Challenge and become a green superhero, feel the power of a real rocket engine "launch," explore the inner workings of a two-story tall dinosaur and try your best slap shot against the Anaheim Duck's goalie! Traveling exhibits and annual events such as Bug Invasion and Bubblefest throughout the year ensure that there is always something new to discover. Since 1998, Discovery Science Center has been a non-profit organization dedicated to educating young minds, assisting teachers and increasing public understanding of science, math and technology through interactive exhibits and programs. It is a community-wide resource where families come together to learn and have fun and school districts can use as an educational resource. Discovery Science Center welcomed its one-millionth visitor in 2003 and now hosts over 400,000 guests each year.

Open daily from 10am–5pm. For further information, call us at (714) 542-CUBE or visit us online www.discoverycube.org.

Star Wars™: Where Science Meets Imagination, presented by Bose Corporation, was developed by the Museum of Science, Boston and Lucasfilm Ltd. *Star Wars* objects in this exhibition are on loan from the Archives of Lucasfilm Ltd.

The exhibition is made possible through the cooperation of Lucasfilm Ltd. Lucasfilm, *STAR WARS* and related properties are trademarks and/or copyrights, in the United States and other countries, of Lucasfilm Ltd. and/or its affiliates. All rights reserved. All other trademarks and trade names are properties of their respective owners.

This material is based upon work supported by a grant from the National Science Foundation under Grant No. 0307875. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

