

# James Dyson Award 2022



THE  
JAMES  
DYSON  
FOUNDATION  
INSPIRING THE  
NEXT GENERATION  
OF ENGINEERS

a man fixing a cooker!



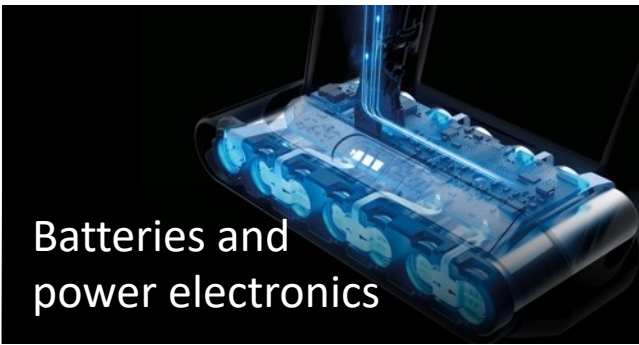




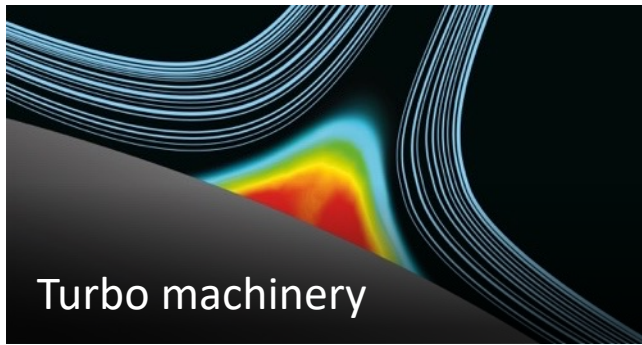




DDM



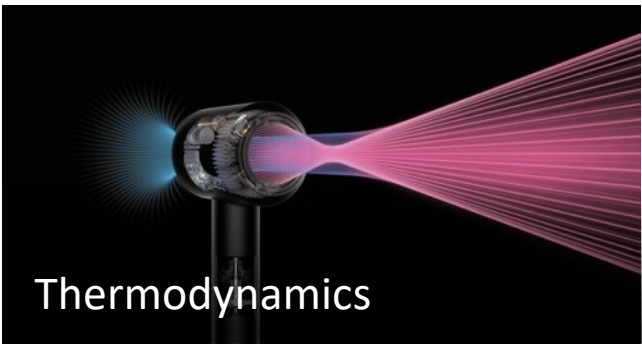
Batteries and power electronics



Turbo machinery



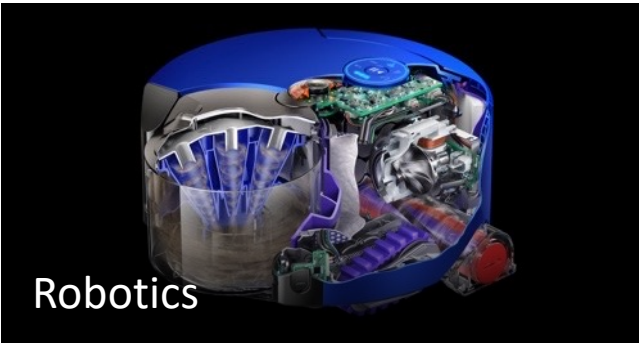
Acoustics



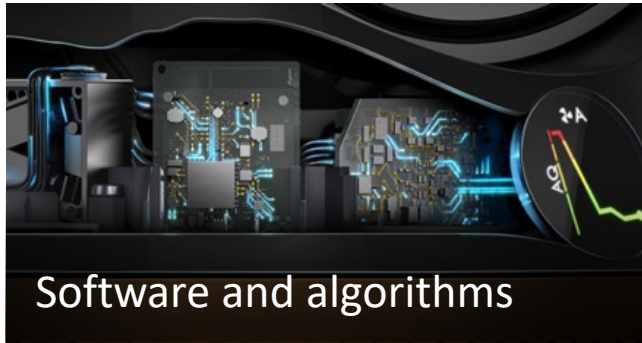
Thermodynamics



Energy storage



Robotics



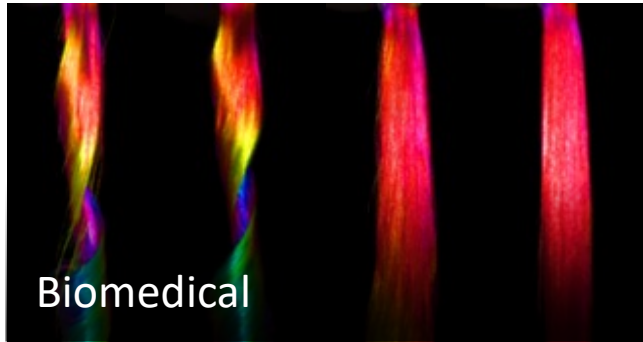
Software and algorithms



Embedded electronics



Filtration



Biomedical



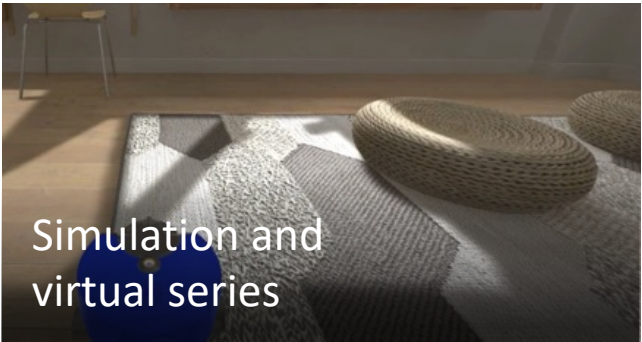
Materials



Mechanistics



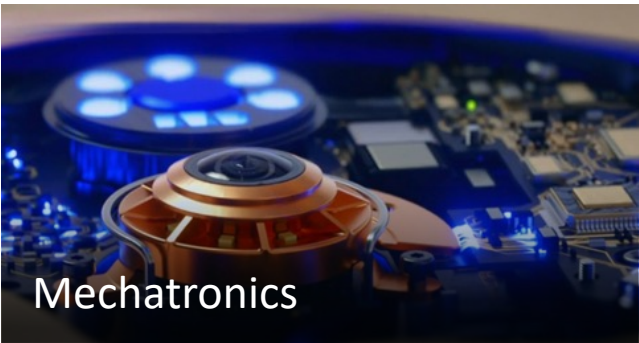
Connectivity



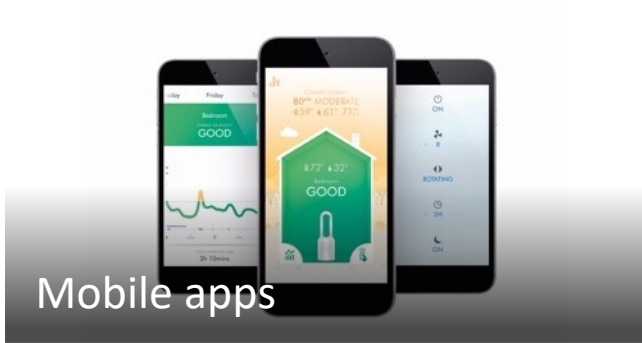
Simulation and virtual series



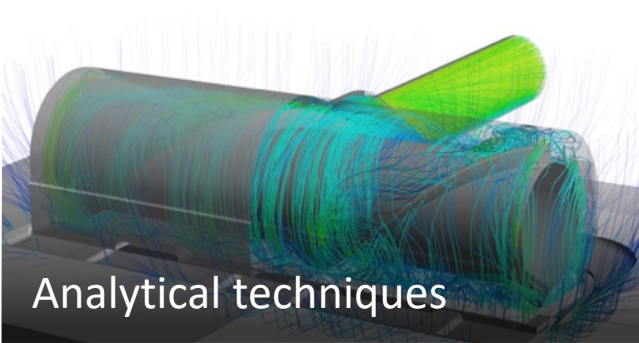
Mechanical systems



Mechatronics



Mobile apps



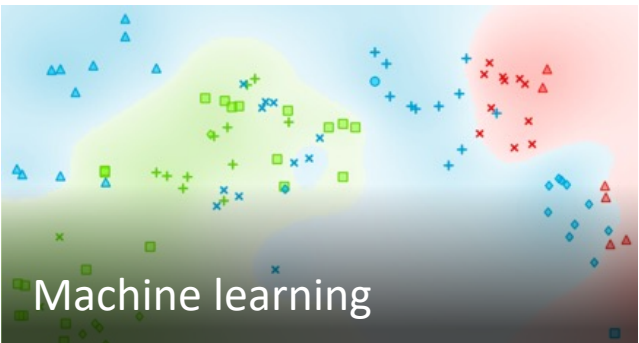
Analytical techniques



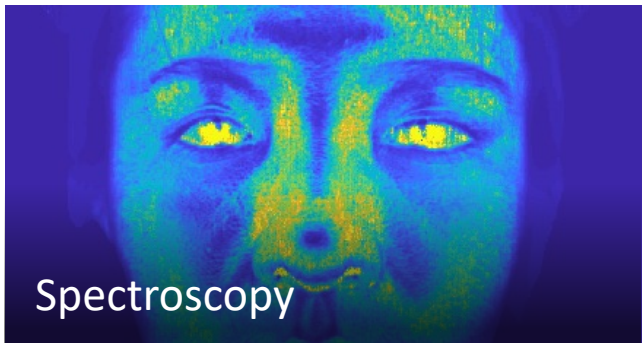
Separation systems



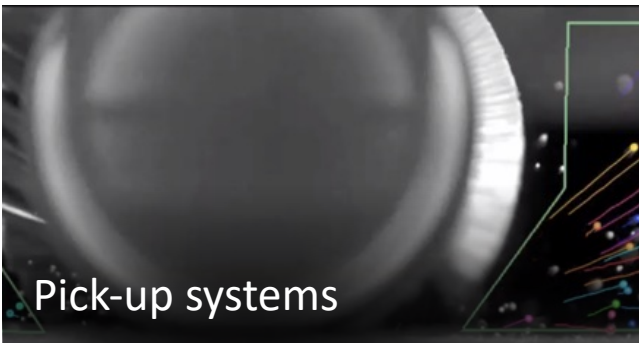
Sensor algorithms



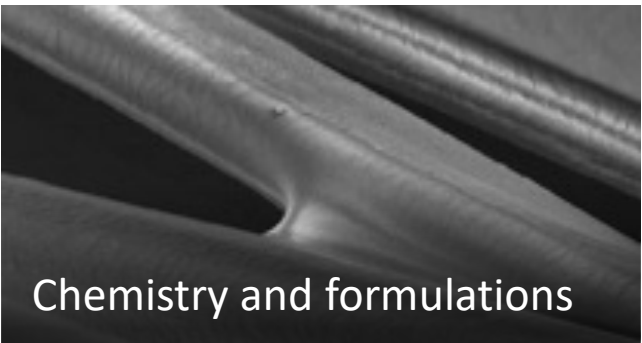
Machine learning



Spectroscopy



Pick-up systems



Chemistry and formulations



# Technology milestones

## 1993–2021

DC01 upright vacuum  
1993



DC02 cylinder vacuum  
1995



CR01 washing machine  
2000



DC15 upright vacuum  
2005



DC16 handheld vacuum  
2006



Dyson Airblade™ dB  
2006



Dyson Cool AM01  
2009



DC35 Digital Slim™  
2010



AM04 Heater  
2013



Airblade™ V  
2013



Dyson Cinetic™  
2013



AM10 Humidifier fan  
2013



Dyson 360 Eye™  
2015



CSYS™ task light  
2015



Dyson Supersonic™  
2016



Dyson V10™  
2018



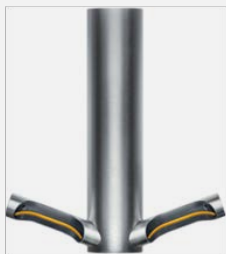
Pure Cool™  
2018



Dyson Airwrap™  
2018



Airblade™ 9kJ  
2019



Dyson Corrale™  
2020



Dyson V15 Detect™  
2021







**100m+**

di persone che possiedono  
una tecnologia Dyson

**6,000**

Ingegneri e scienziati

**156**

Neolaureati al  
Dyson Institute of Engineering  
and Technology

**84**

Mercati

**180**

Sedi Dyson in 33 paesi

**1**

tecnologia Dyson creata ogni  
2 secondi





Research and Development hubs







# It all started with a bag

## Cyclonic separation











THE  
JAMES  
DYSON  
**AWARD**



Design  
something  
that solves  
a problem.

Problema

Design

Soluzione

30 national winners receive €5.900

1

58 secondi e terzi classificati nazionali

2

Top 20 internazionale

3

I secondi e terzi classificati internazionali ricevono €5.900

4

I vincitori globali ricevono €35.700

5









HOPES – Singapore



Plastic Scanner – Netherlands



REACT – UK



**Come iscriversi?**

Che problema risolve?

1

La tua ispirazione

2

Come funziona?

3

Il processo di design

4

In che cosa è differente?

5

Piani futuri

6





THE

# Ci sono domande?

Per domande relative al JDA: [jda-support@jamesdysonfoundation.com](mailto:jda-support@jamesdysonfoundation.com)

Per domande relative a Dyson: [careers.dyson.com](https://careers.dyson.com) or [graduates@dyson.com](mailto:graduates@dyson.com)