

# **Aerospace Technologies for the Future**

**30<sup>th</sup> Congress of the International Council  
of the Aeronautical Sciences**

**Daejeon, Korea  
September 26, 2016**



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Lockheed Martin Corporation**

# Advanced Aeronautics



# Technology Focus



## AUTONOMY & ROBOTICS



## SENSOR TECHNOLOGY & EXPLOITATION



## SIGNALS & COMMUNICATIONS



## CYBER SECURITY



## DATA ANALYTICS



## ADVANCED ELECTRONICS



## MATERIALS & MANUFACTURING



# F-35: Advanced Pilot Interfaces

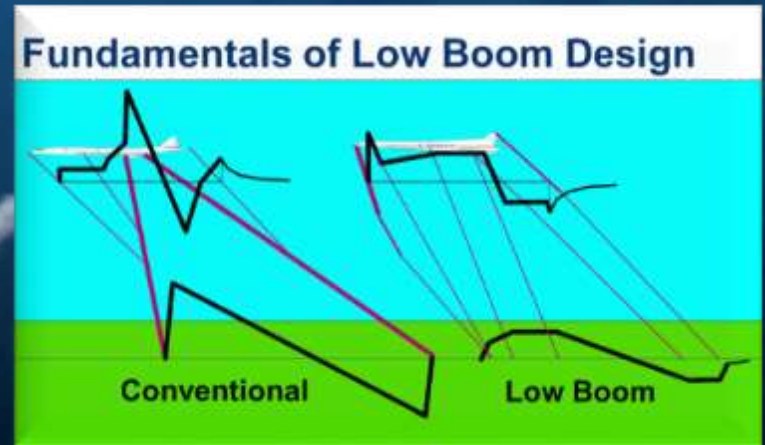
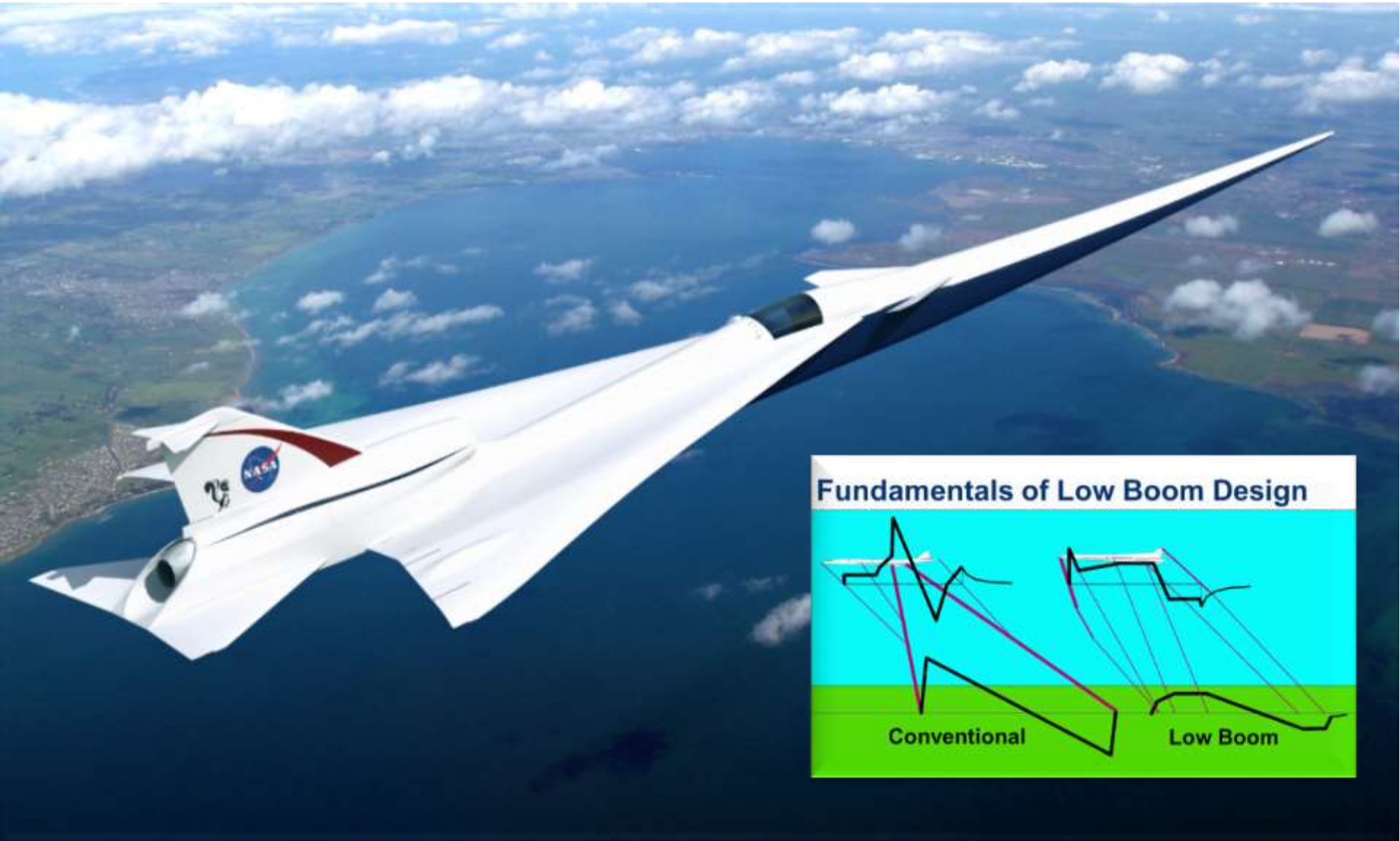


F-35 LIGHTNING II – GEN III



P38 LIGHTNING

# QueSST: Quiet Supersonic Technology



# Vertical Lift: Speed & Autonomy



# Revolutionizing Transport: P-791 Hybrid Airship

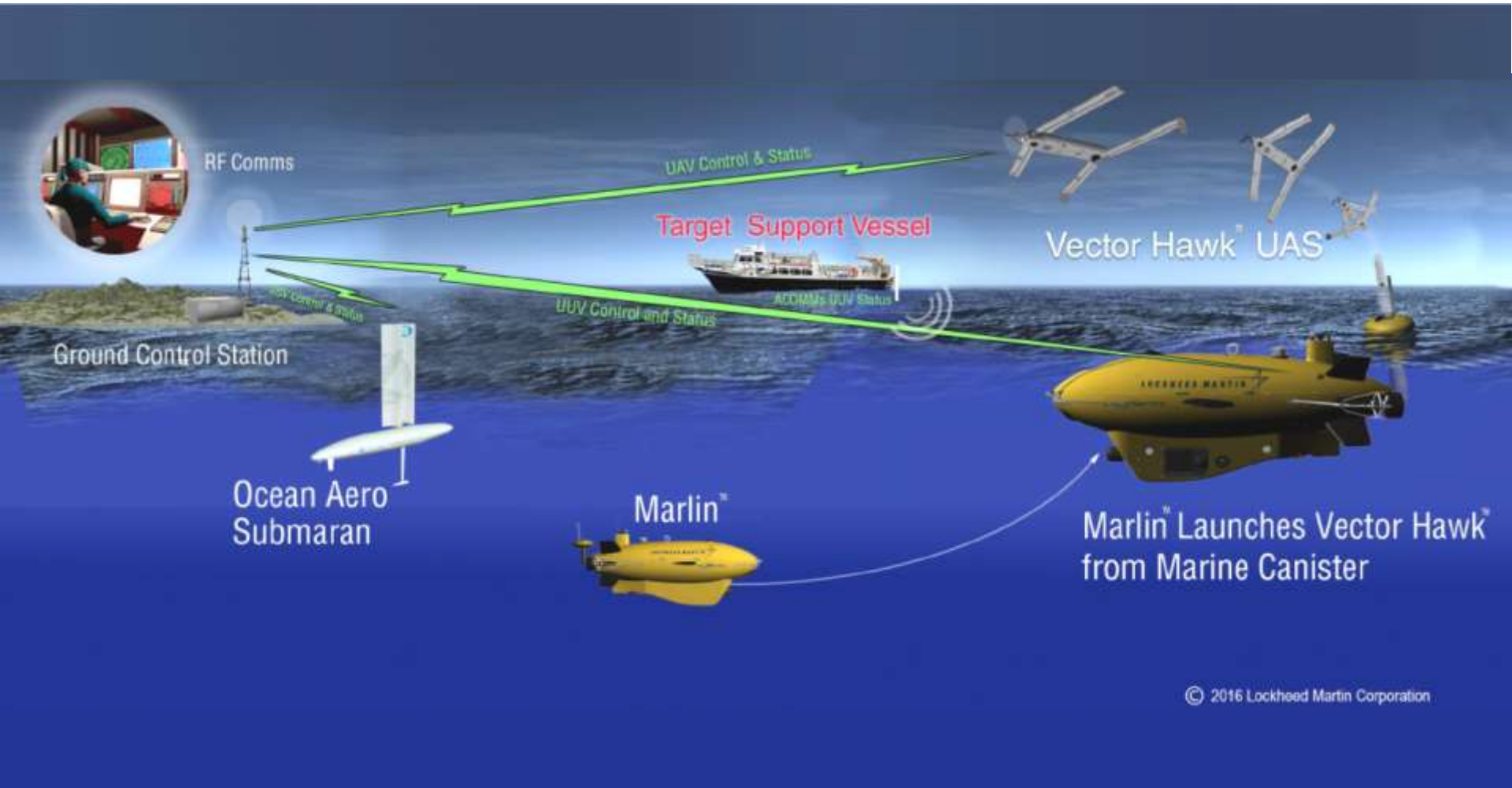


# Beyond Earth Orbit - Orion





# System of Systems Integration



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# A Spectrum of Possibilities



Technology



Systems Thinking



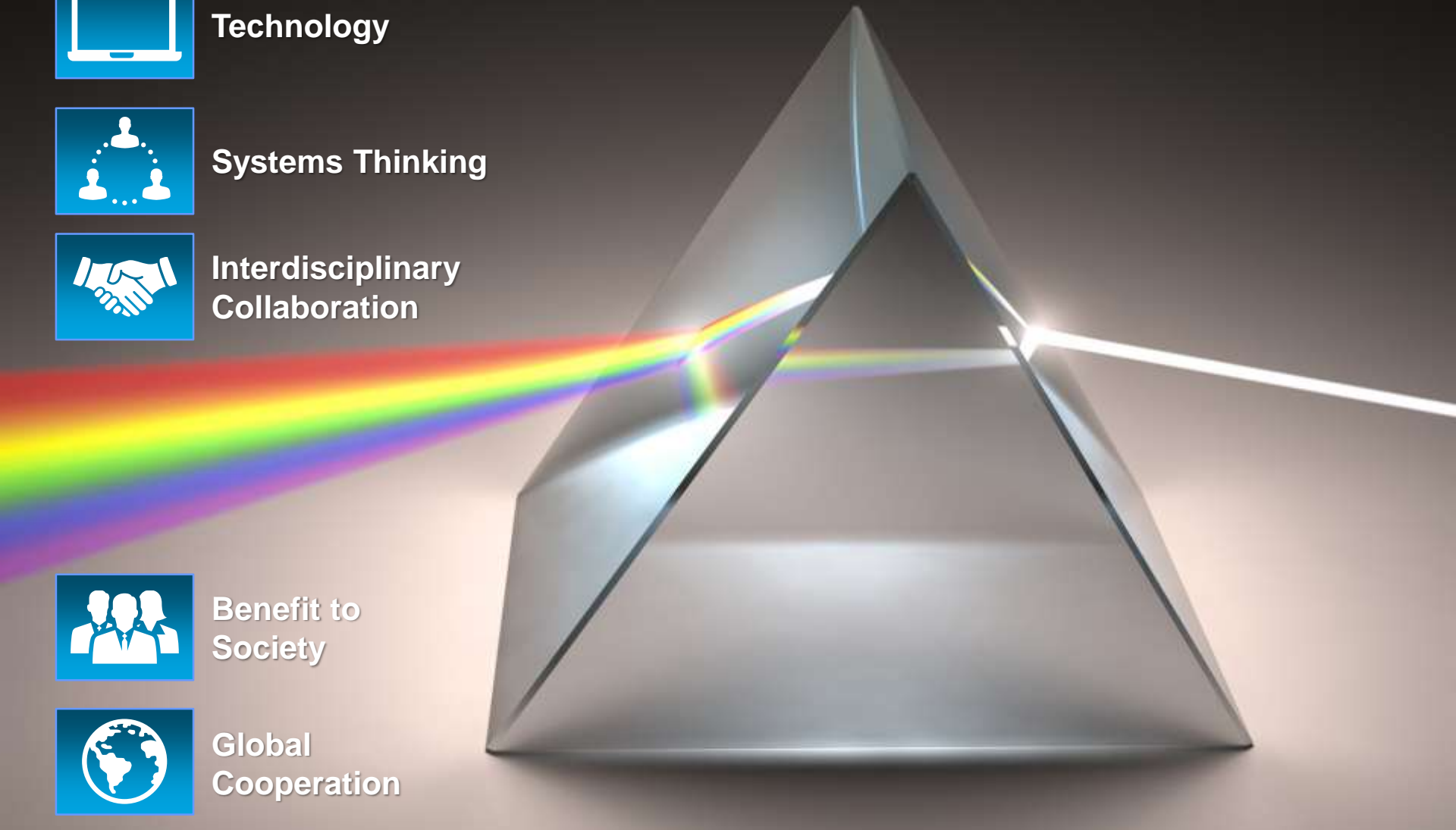
Interdisciplinary  
Collaboration



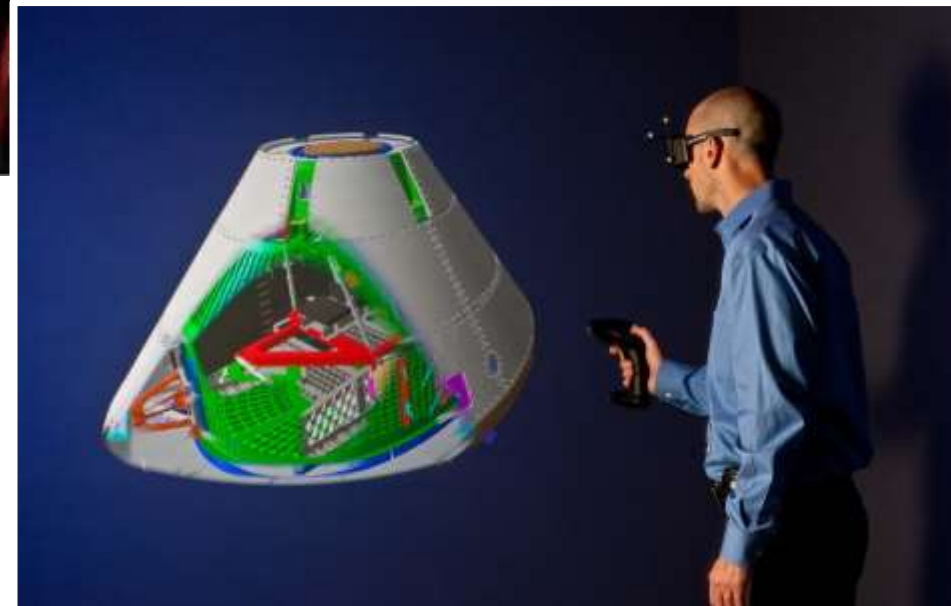
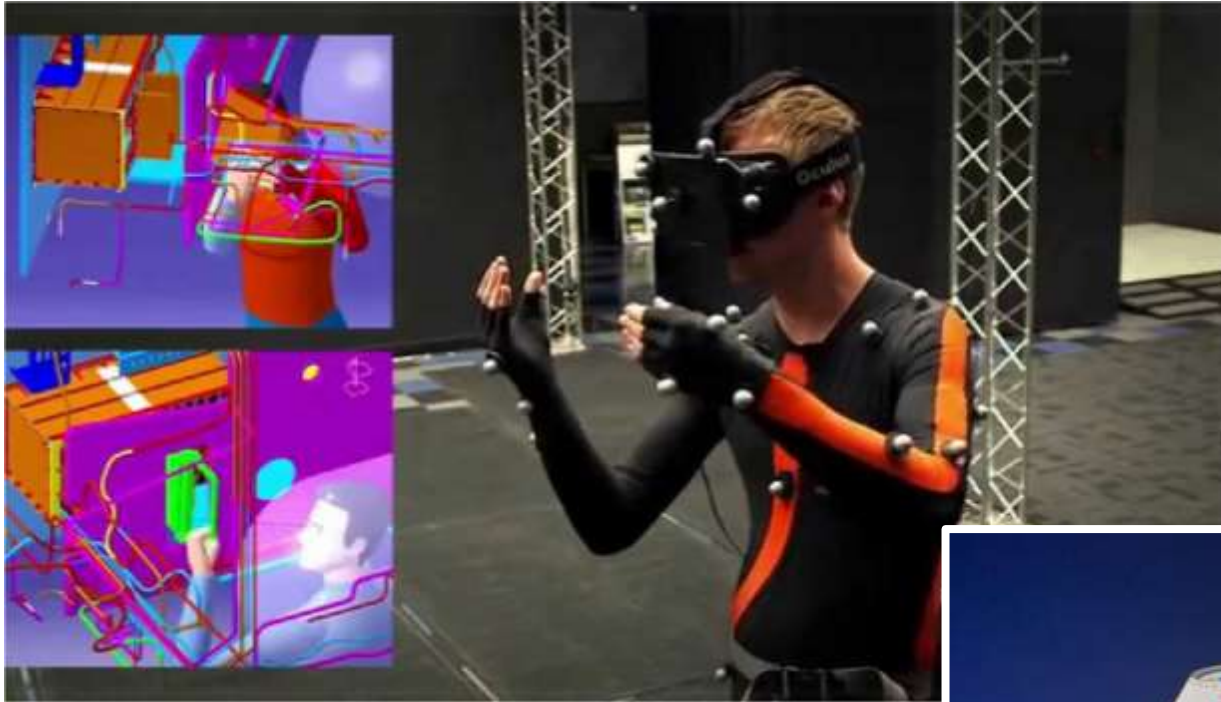
Benefit to  
Society



Global  
Cooperation



# Transformational Toolsets

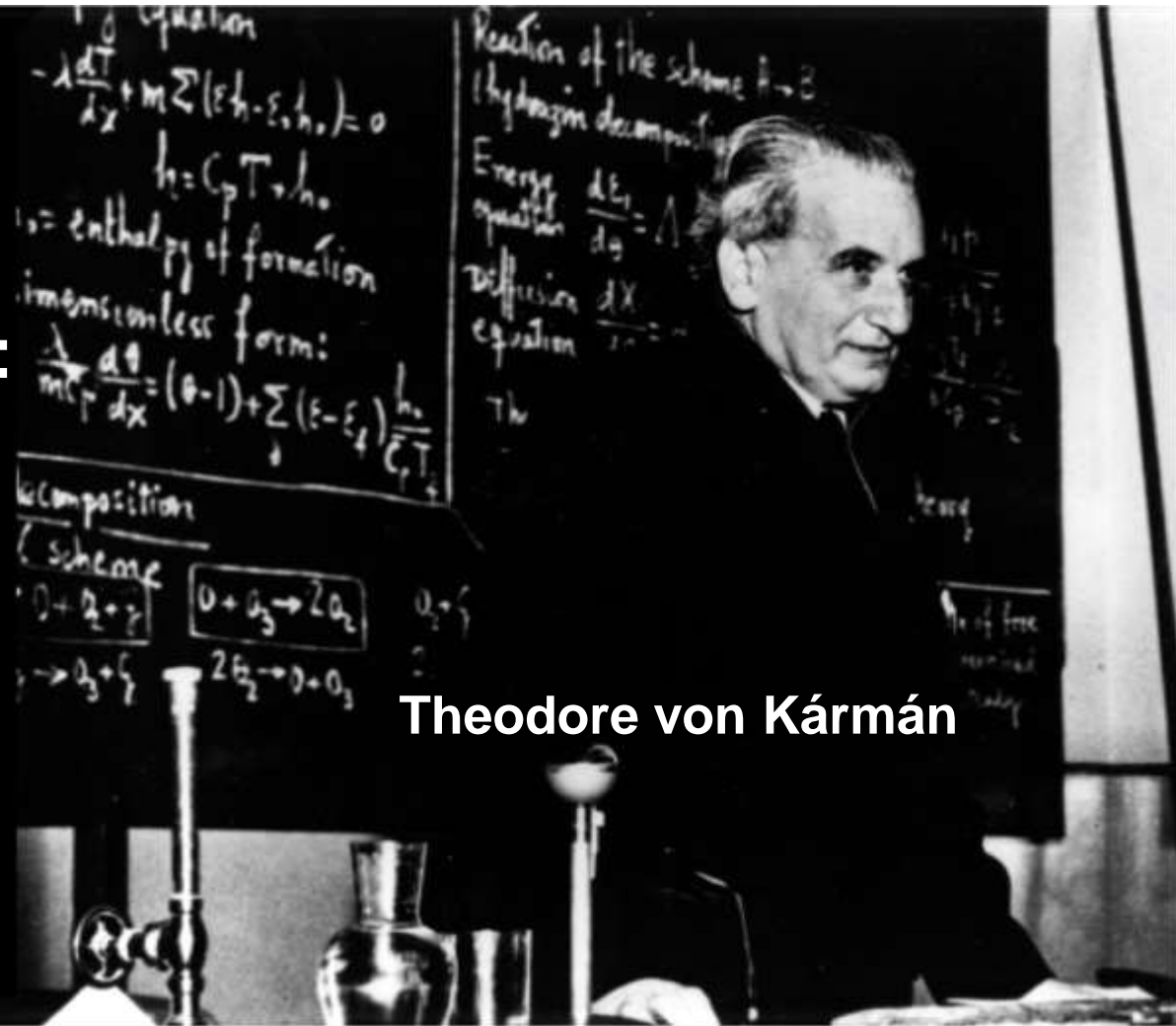




# ICAS

## Madrid to Daejeon:

### 30 Congresses Fostering International Collaboration



Theodore von Kármán

