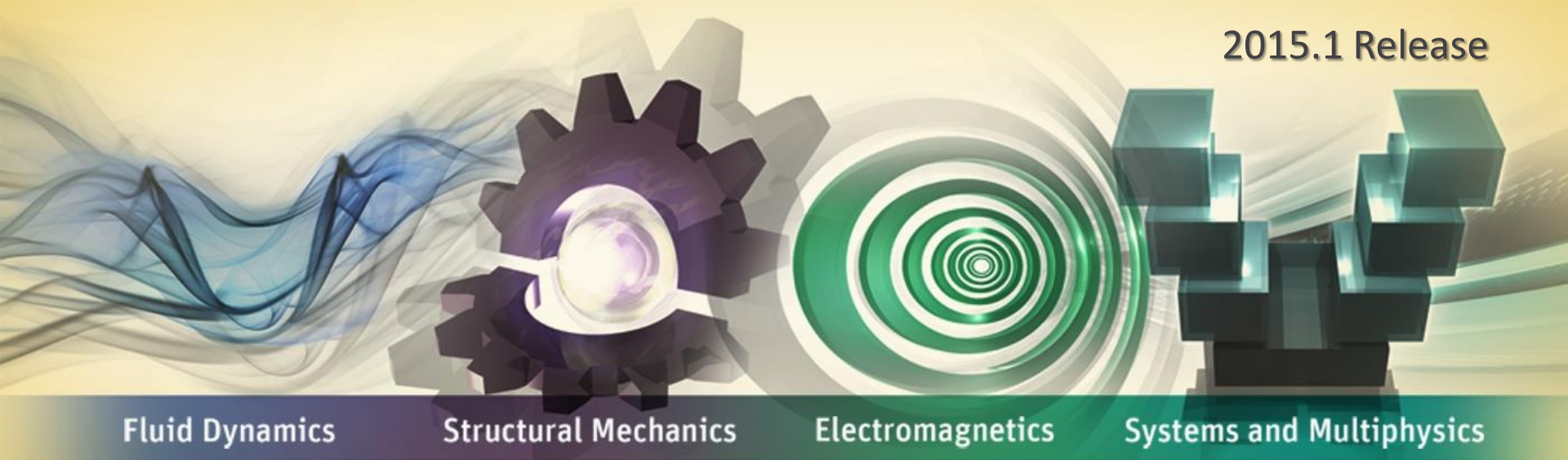


# Lecture 1: ANSYS Introduction



## Introduction to ANSYS SIwave

# Agenda : Introduction to Siwave

**Lecture 1: ANSYS Introduction**

**Lecture 2: Siwave Introduction**

## **Workshops: Siwave**

Workshop 1-1: Resonant Modes

Workshop 1-2: Plane Impedance

Workshop 1-3: Frequency Sweeps

Workshop 2: Validation Checker

Workshop 3: Package SYZ Analysis

Workshop 4: Custom Bondwires

Workshop 5: SSN

Workshop 6: Package/PCB Merge

Workshop 7: SYZ for SI

Workshop 8: DCIR

Workshop 9: Report Editor

Workshop 10: Near/Far-Field Radiation

Workshop 11: SIWizard for SSN

Workshop 12: PI Advisor

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- 75 locations worldwide plus an extensive network of distributors
- Over 2,700 direct employees of ANSYS and its subsidiaries worldwide
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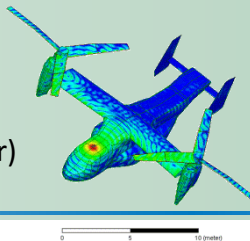
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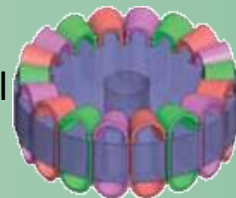
# Breadth of Technologies



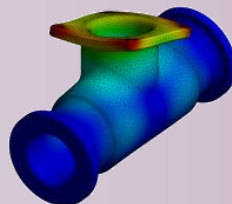
**Electromagnetics:**  
High-Frequency and SI  
(HFSS, SIwave, Q3D Extractor, Designer)



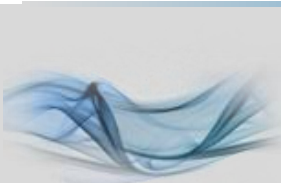
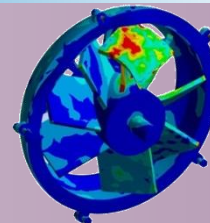
**Low-Frequency/Electromechanical**  
(Maxwell, Simplorer)



**Structural Mechanics:**  
From Linear Statics



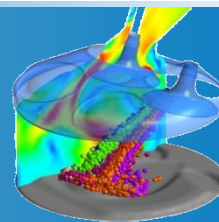
To High-Speed Impact



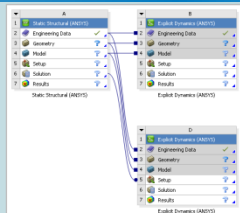
**Fluid Mechanics:**  
From Single-Phase Flows



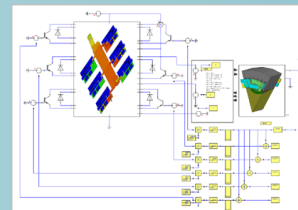
To Multiphase  
Combustion



**Systems:**  
From Data Sharing



To Multi-Domain  
System Analysis



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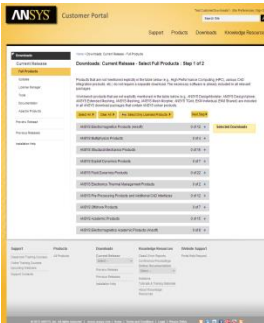
**Knowledge  
Resources**





## Submit and review service requests

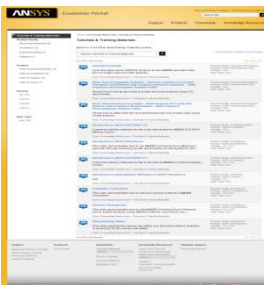
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