



**UNIMORE**

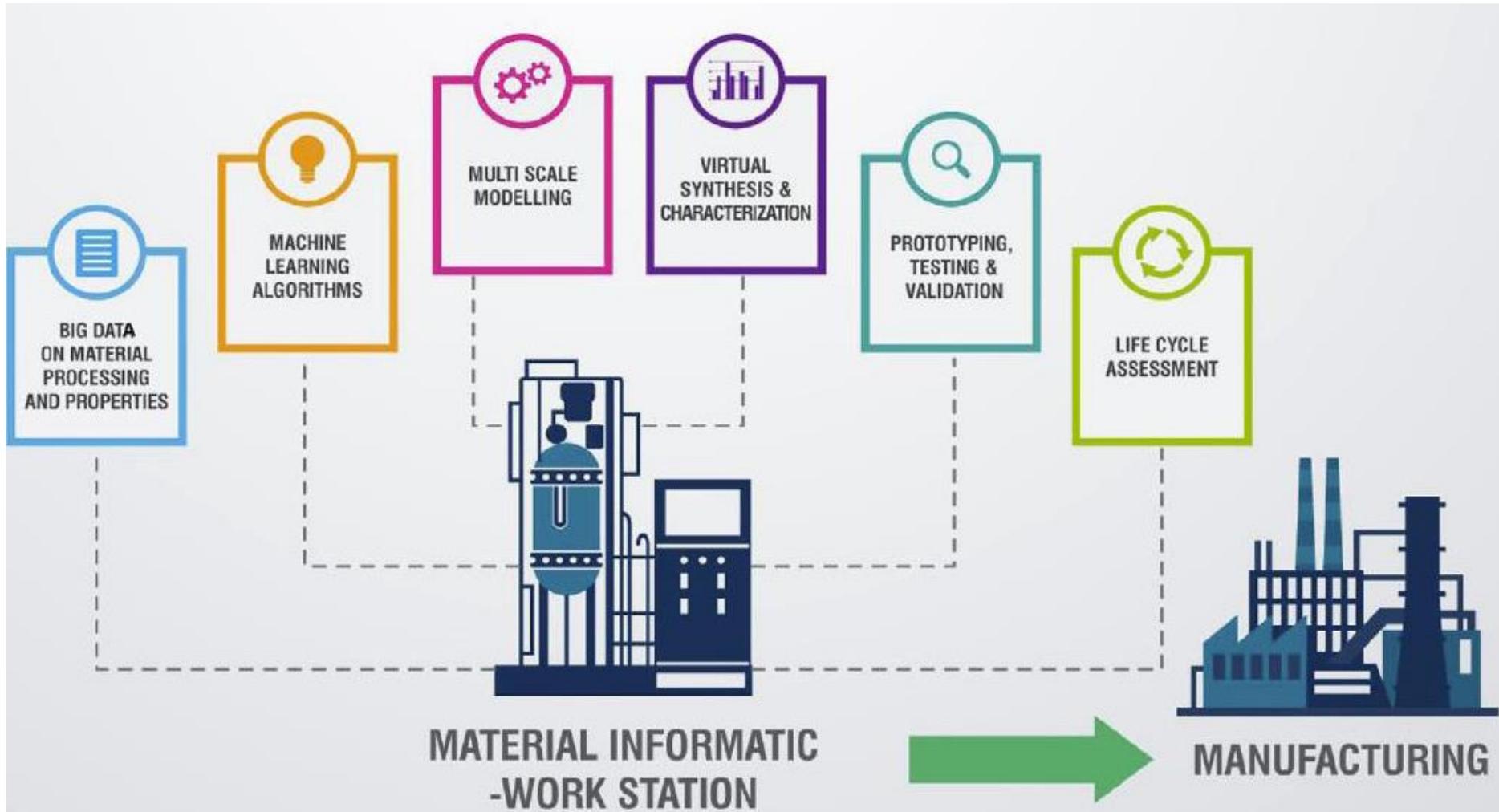
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

Dipartimento di Scienze e Metodi  
dell'Ingegneria

# Material Design and Optimization in Digital Manufacturing

*Curriculum Digital Manufacturing*

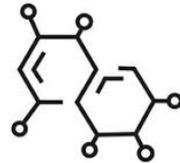
# MATERIALS 4.0



# COURSE MAIN TOPICS

Composites

Conductive



Materials  
Fundamentals

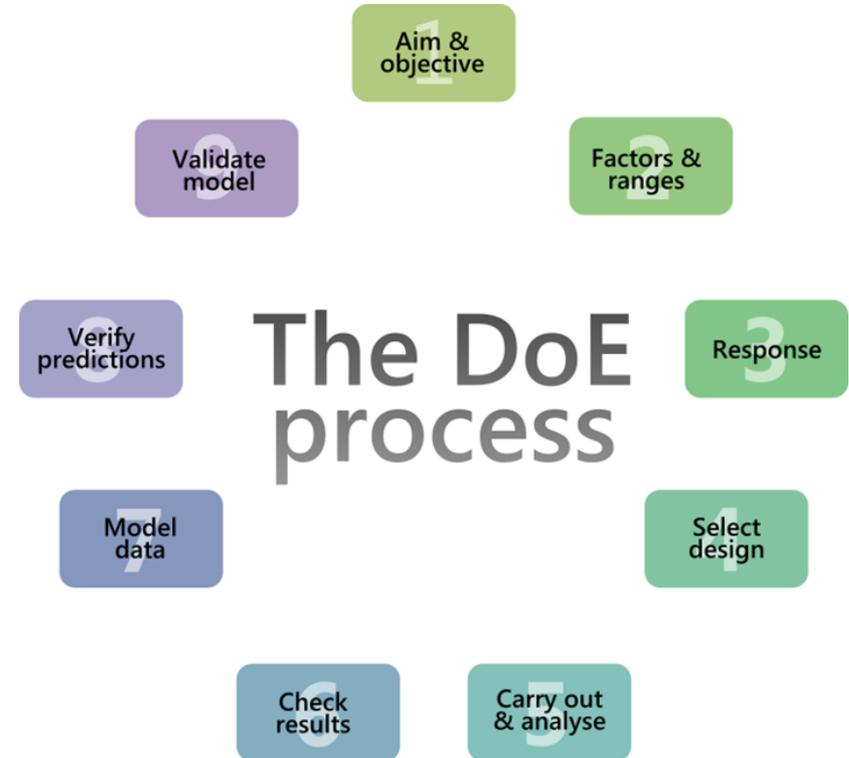
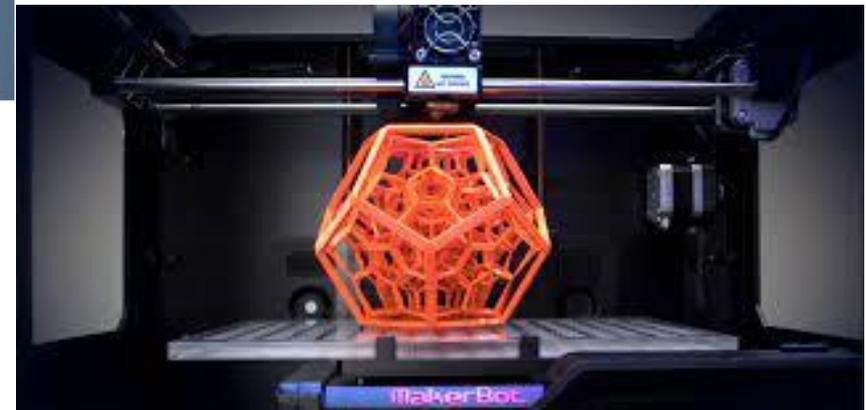
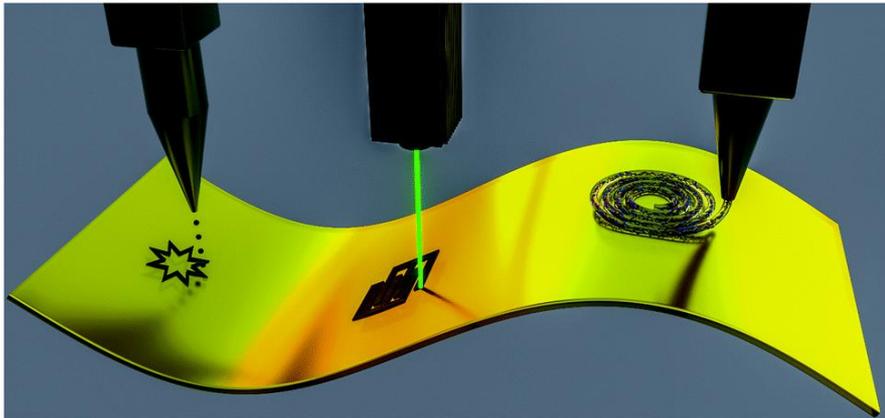
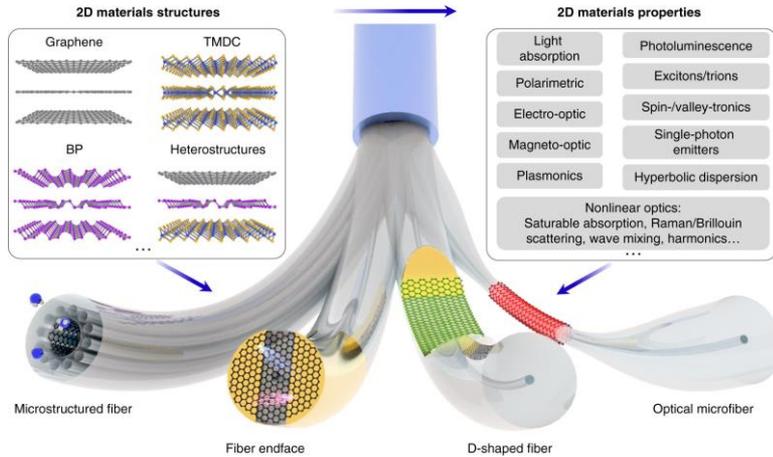
Software  
Simulation



Additive  
Manufacturing

Optical

# SOME EXAMPLES...



# COURSE FEATURES

The course will be in English language, and are planned:

- ✓ Exercises through statistical software;
- ✓ Seminars by experts or visits in factories;
- ✓ Group projects on specific topics related to the course.



## Final Exams

Oral presentation  
of the group project  
(max 2/30 point)

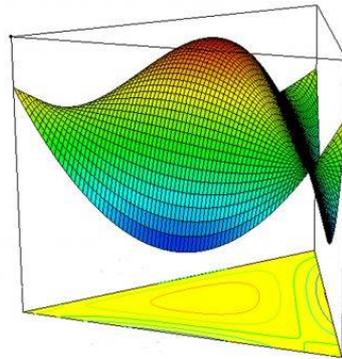
+

Oral exam  
with at least 3 questions

# Thanks for your attention

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