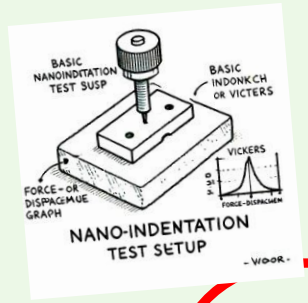


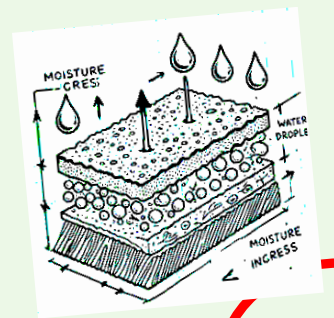
2025

INTERVIEW  
RECRUITING  
KICK OFF



2027

MECHANICAL TESTING  
EIGEN STRESSES  
CREEP



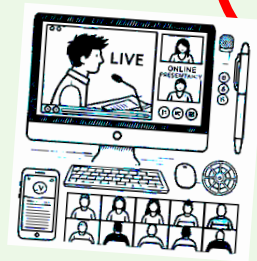
2029

NUMERICAL SIMULATIONS  
AI MODELLING



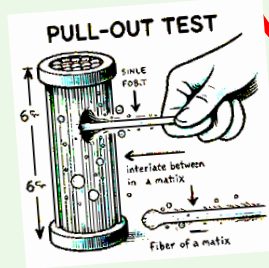
2026

DESIGN OF EXPERIMENTS  
SELF-HEALING STRATEGIES



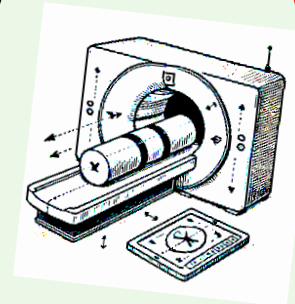
2028

MOISTURE TRANSPORT TESTING  
DURABILITY



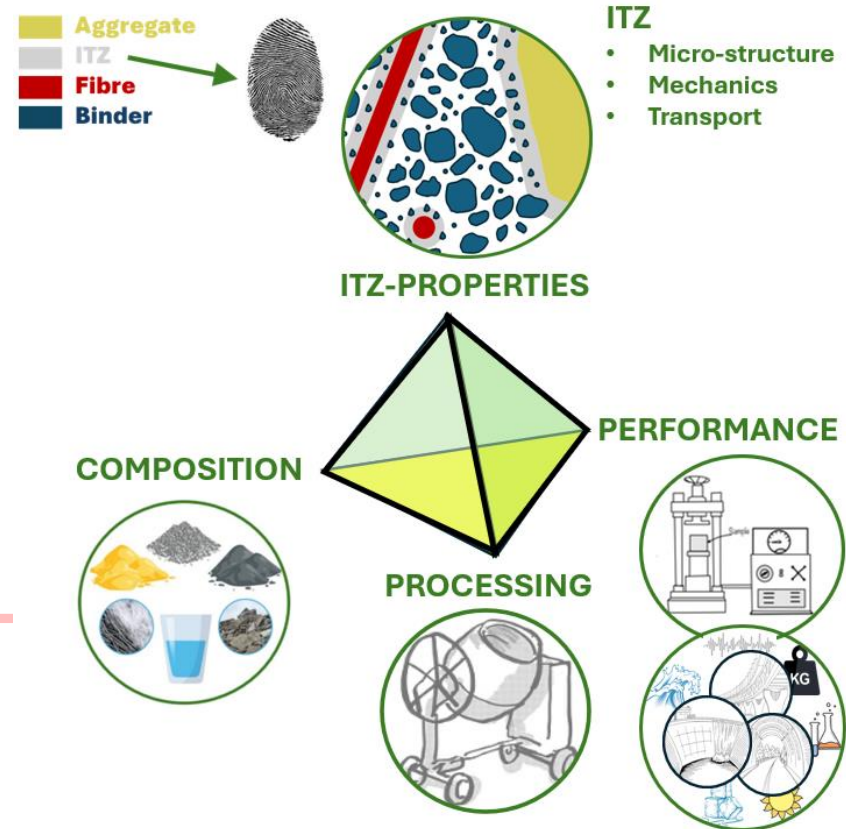
2030

PHD GRADUATIONS  
WORKSHOP  
CLOSURE



# MAGICON

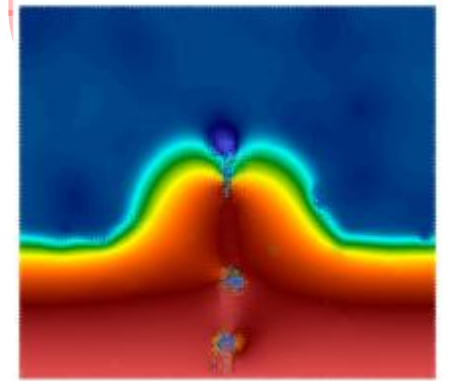
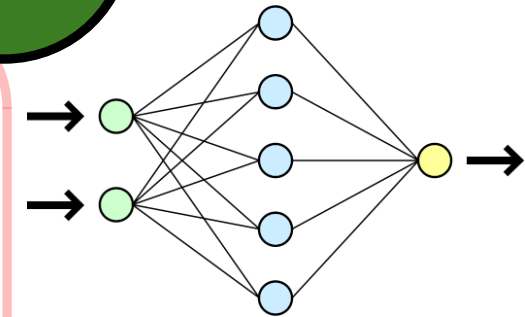
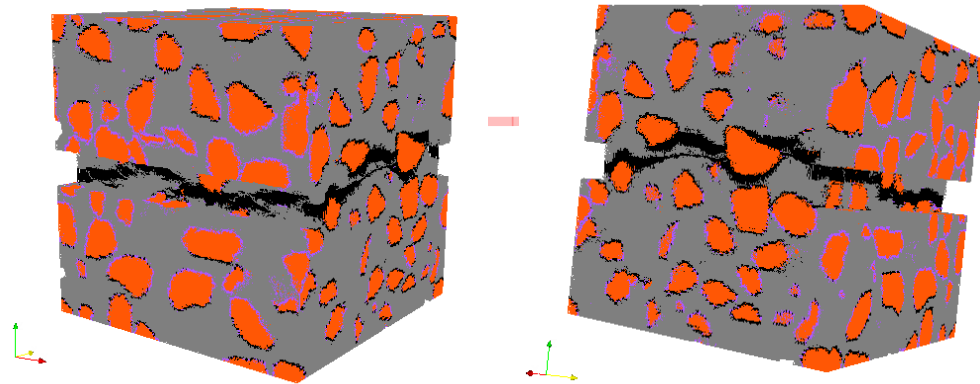
- **MAGICON-Workshop**
- **4 PhD's graduate**
- **Publications in top journals**
- *Challenge:* **Fingerprint strategy**
- **Performance tests**
- **Design guidelines**
- **Save structures with new 'green' materials**



# MAGICON

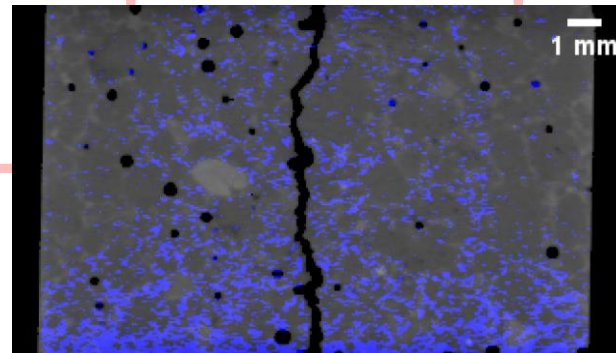
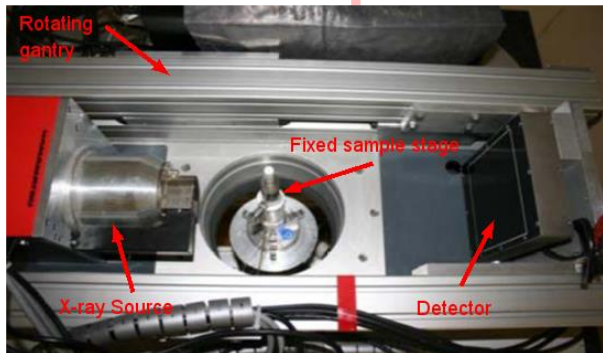
- *Challenge:* AI modelling
- Deterministic and probabilistic simulations
- ITZ - transport, durability and fracture processes

2029

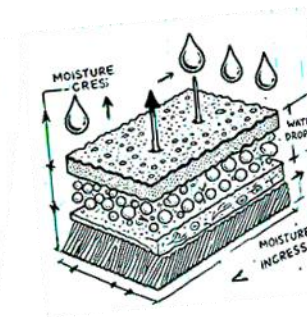
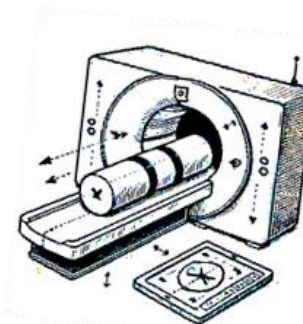


# MAGICON

- Challenge: ITZ-transport measurements
- Research stay of PI and PhD
- Postdoc new job



2028

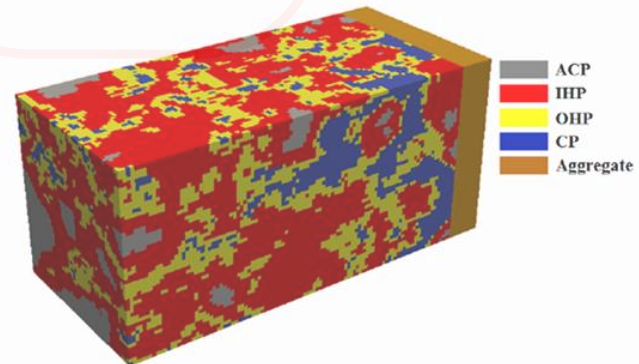
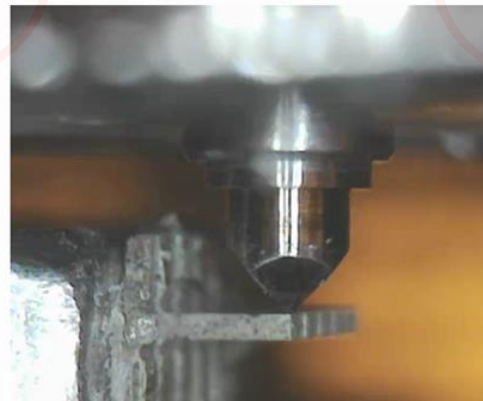
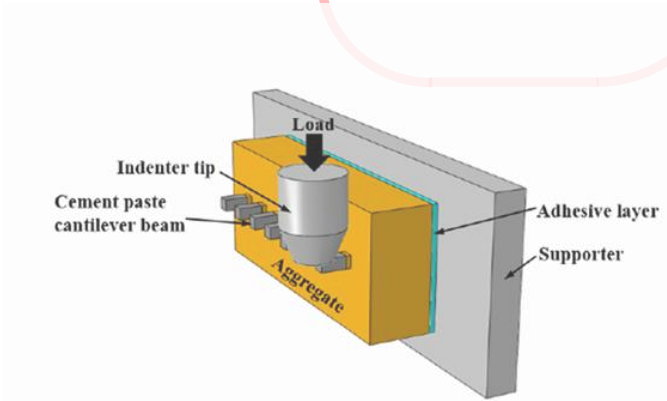
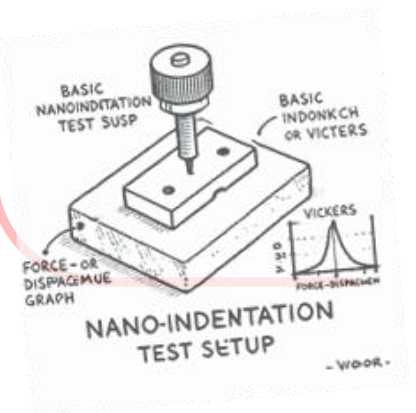
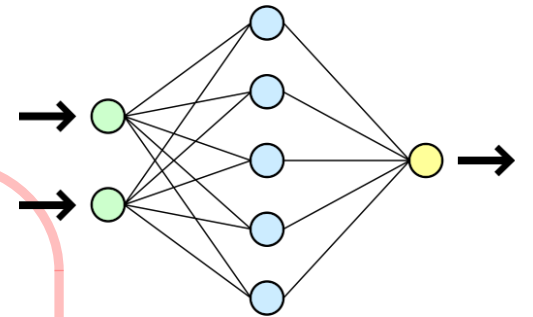




# MAGICON

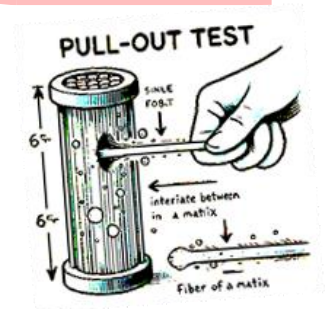
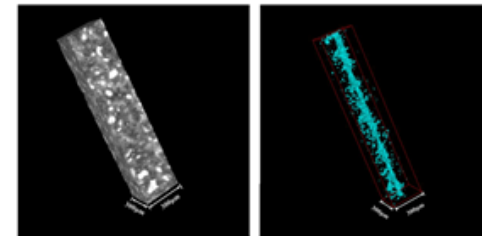
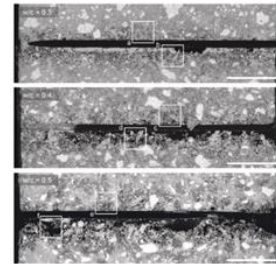
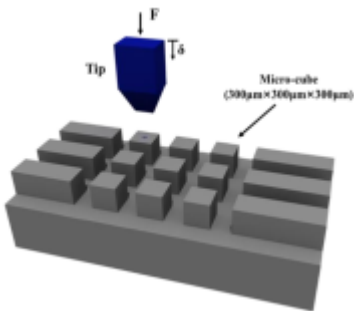
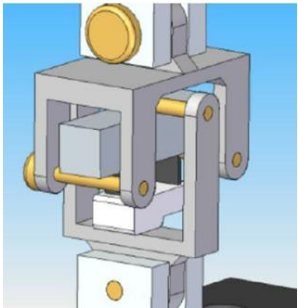
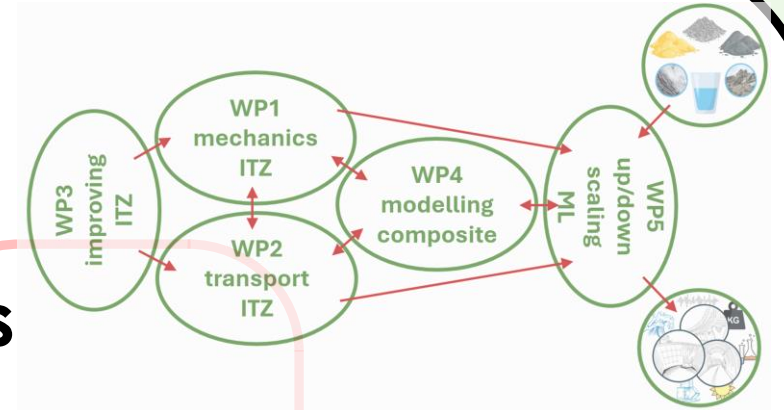
2027

- ITZ micro-structure and
- Mechanical performance
- *Challenge*: measure eigen-stress
- Initial moisture tests
- AI for generation of ITZ-micro-structures



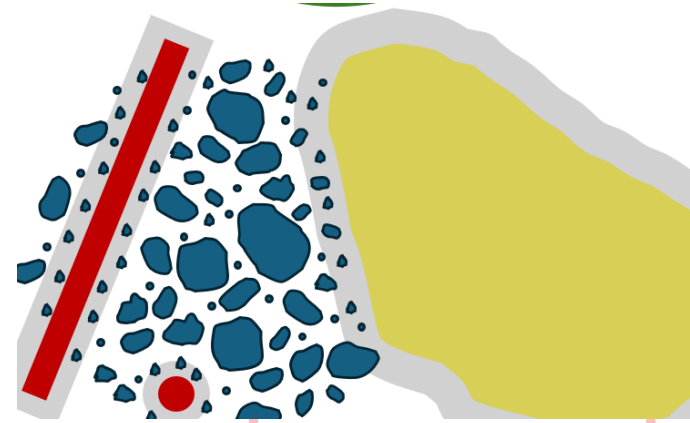
# MAGICON

- **GOAL** (         )
- **Design of experiments**
- **Challenge: Design self-healing strategies**
- **Challenge: Make samples with eigen-stresses**
- **Design and**  **building climate chambers**



# MAGICON

2025

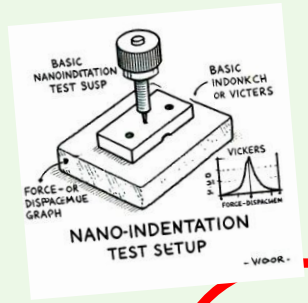


- **Selecting PhD's and Postdoc**
- **Contacting peers/competitors**
- **Launching MAGICON**
- **News: MAGICON is Granted**
- *Challenge: 60*



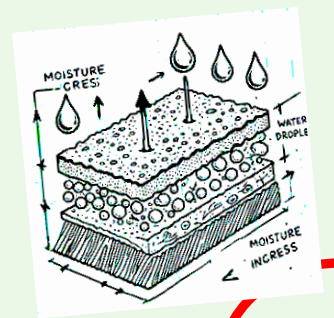
2025

INTERVIEW  
RECRUITING  
KICK OFF



2027

MECHANICAL TESTING  
EIGEN STRESSES  
CREEP



2029

NUMERICAL SIMULATIONS  
AI MODELLING



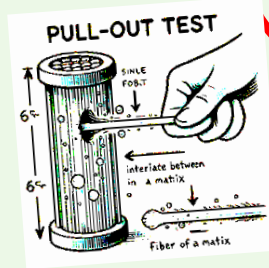
2026

DESIGN OF EXPERIMENTS  
SELF-HEALING STRATEGIES



2028

MOISTURE TRANSPORT TESTING  
DURABILITY



2030

PHD GRADUATIONS  
WORKSHOP  
CLOSURE

