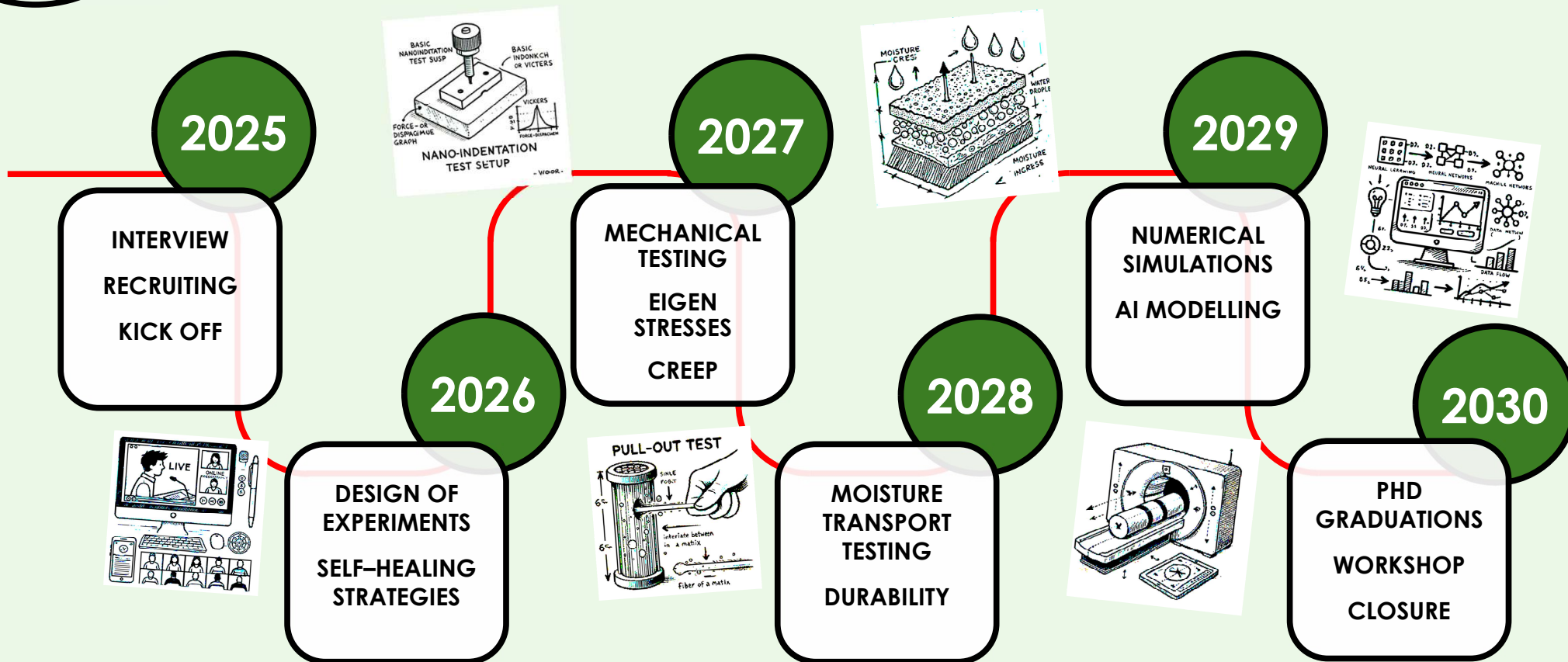


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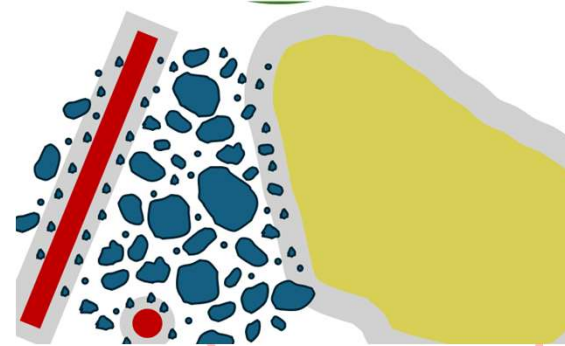
Erik Schlangen

ERIK's 10 tips for ERC

1. Build your CV (articles, keynotes, organise conferences, PhD-students....)
2. Make sure that people in your field know you and like you
3. Have an 'increasing' h-index
4. Make a personal website
5. Choose a topic for your ERC that no one else is working on
6. Start 1 year before the deadline
7. Empty your calendar the last 3 weeks before the deadline
8. Propose research methods that are realistic but challenging...
9. ...and that do not conflict with work of others; they should see a benefit for their work.
10. If you make it to the presentation stage.... Make sure it leaves an impression

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2025

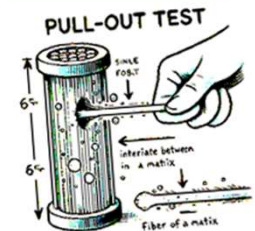
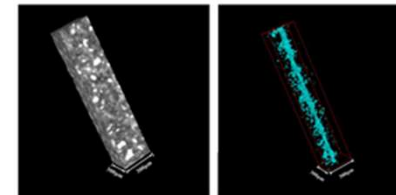
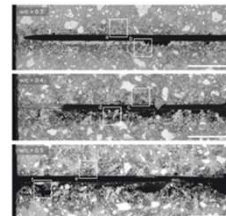
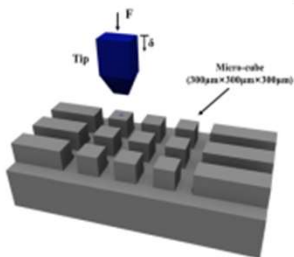
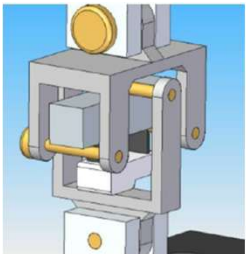
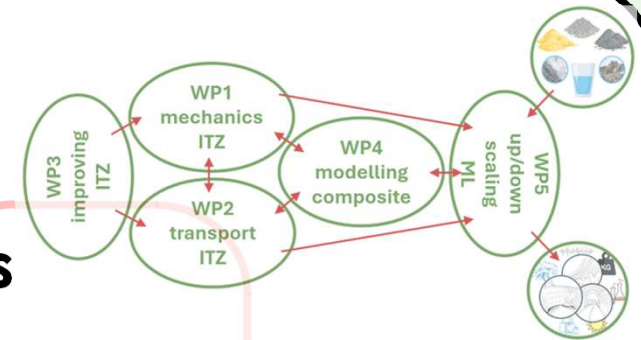


- **MAterials Genome engineering for re-Inventing CONcrete**
- **March 18th: Interview ERC-Panel-PE8**
- **June 15th: MAGICON is Granted**
- **Launching MAGICON-website www.erc-magicon.eu**
- **Contacting peers/competitors**
- **Selecting PhD's and Postdoc**



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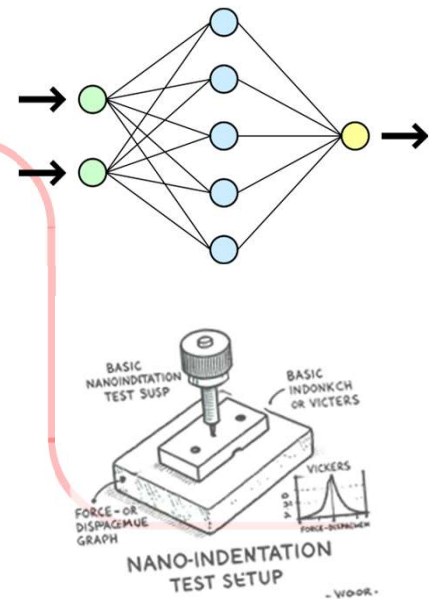
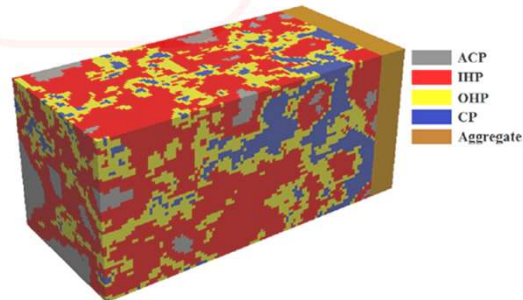
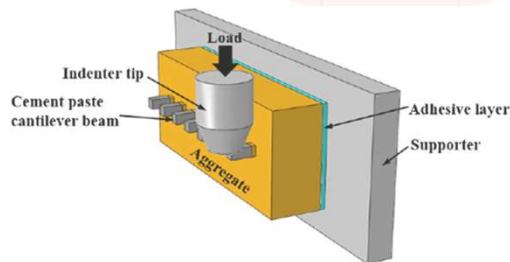
- GOAL (  )
- Design of experiments
- Challenge: Design self-healing strategies
- Challenge: Make samples with eigen-stresses
- Design and  building climate chambers



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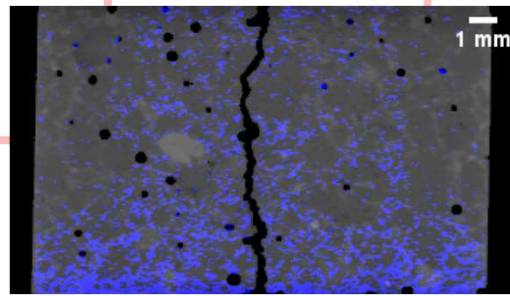
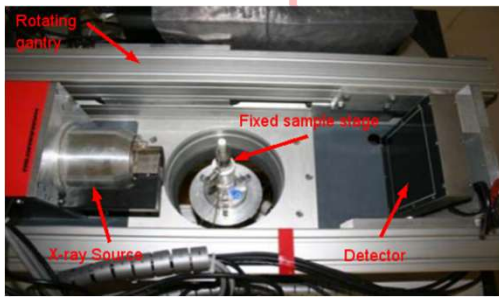
- ITZ micro-structure and
- Mechanical performance
- *Challenge*: measure eigen-stress
- Initial moisture tests
- AI for generation of ITZ-micro-structures

2027

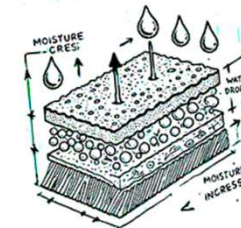
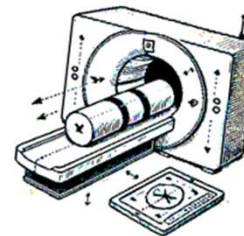


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- *Challenge:* ITZ-transport measurements
- Research stay of PI and PhD
- Postdoc new job



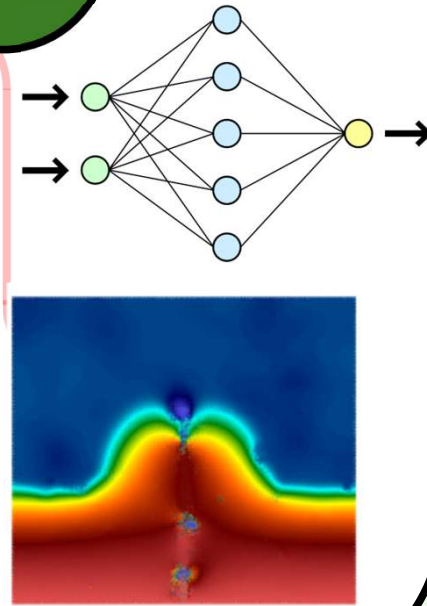
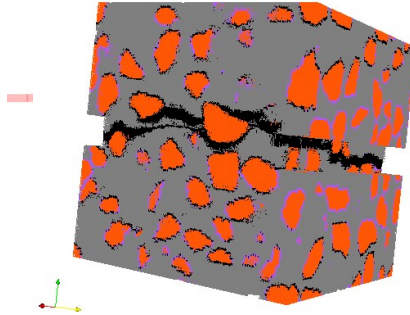
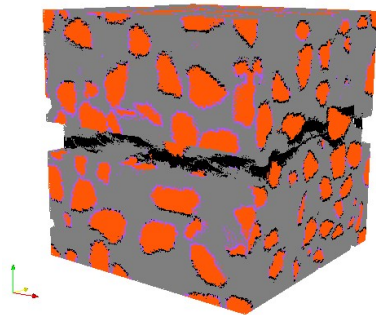
2028



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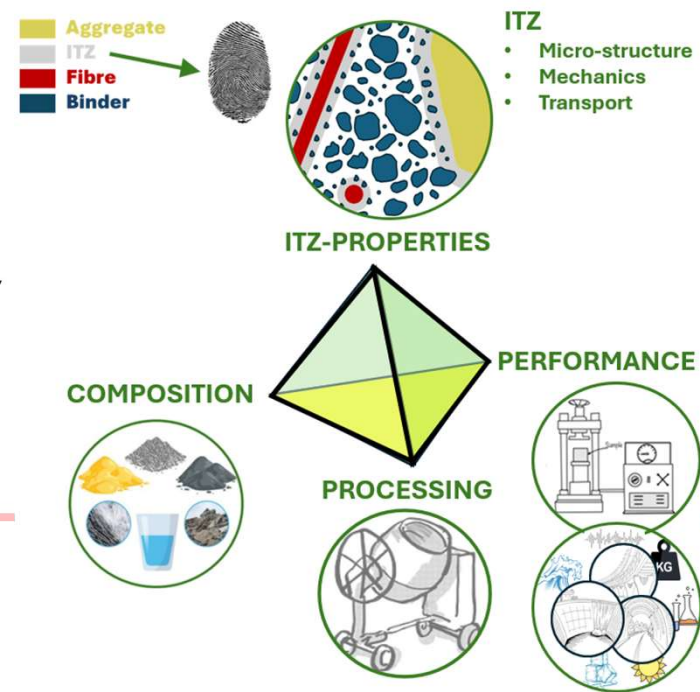
- *Challenge:* AI modelling
- Deterministic and probabilistic simulations
- ITZ - transport, durability and fracture processes

2029

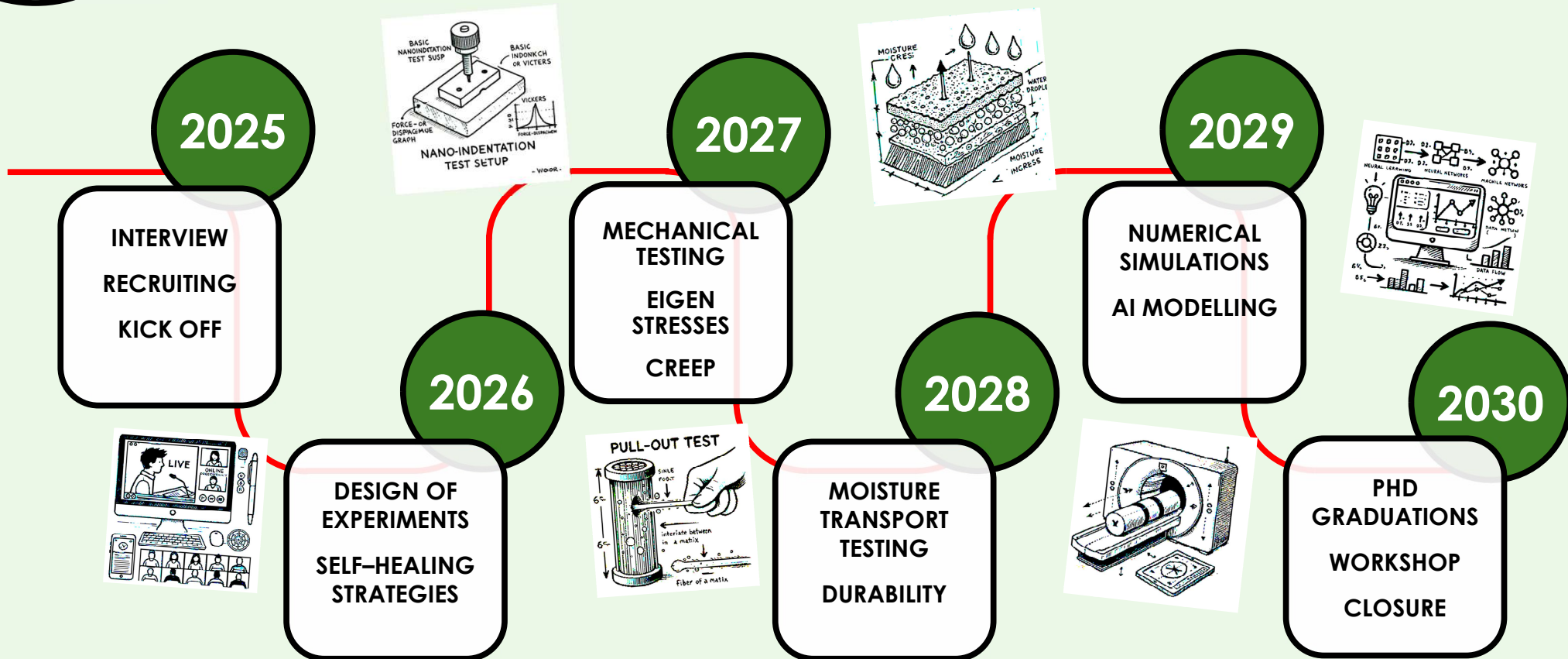


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- MAGICON-Workshop
- 4 PhD's graduate
- Publications in top journals
- *Challenge:* Fingerprint strategy
- Performance tests
- Design guidelines
- Save structures with new 'green' materials



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Erik Schlangen