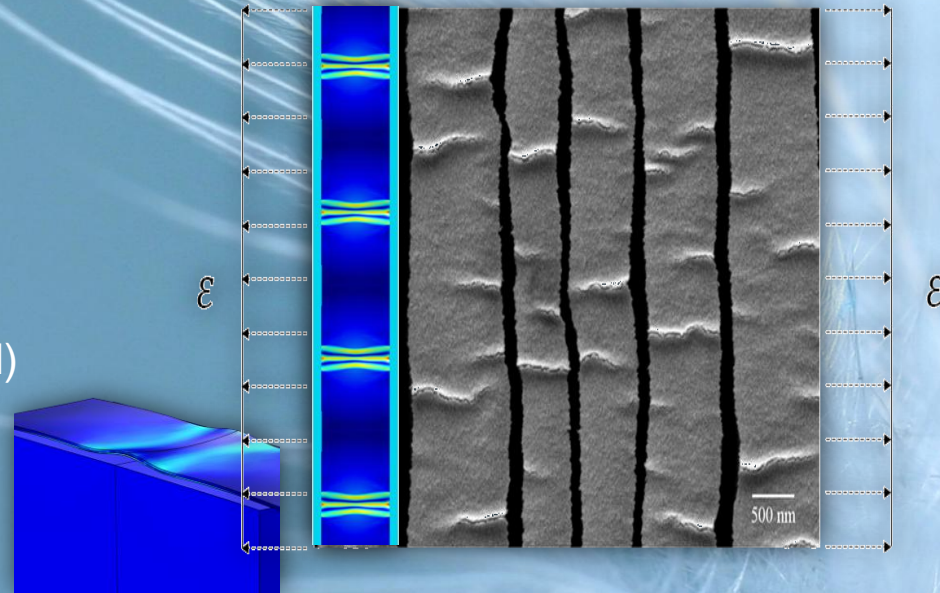


Characterization of thin coating deposited on polymers films

PhD student: Marcus Tavares
Duration: 2015 to 2019
Funding: EBW+ and Uppsala University
Advisor: Kristofer Gamstedt

Research Scope:

- Investigation of adhesion properties between the coating and polymer substrate by a *in situ* test using scanning electron microscope (SEM) and tensile stage.
- Development of micro mechanical and FE models for that case study.
- Combination of mechanical and diffusion models towards to design food packages.



LIGHTer



Department of Engineering Science
at the division of applied mechanics