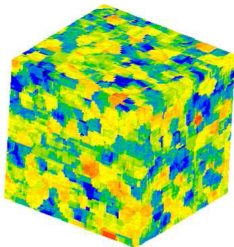
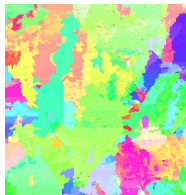


# Micromechanical study of the failure of bainitic steels



Industrial partners: CEA, EDF

- Bainitic steel used in nuclear power plants
- Description of the grain microstructure
- FE analysis of the local stress and strain fields
- Development of a fracture model on a microscale
- Evolution of the transition temperature in service

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