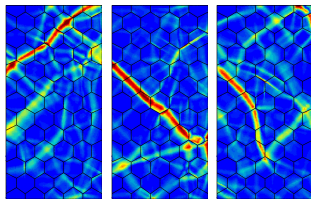


Study of short crack propagation in polycrystalline aggregates



Industrial partner: EDF

- Explicit modeling of cracks in aggregates, competition between local and far fields
- Model development for initiation and short crack propagation
- Fatigue life prediction under thermomechanical loadings
- Application to real life components (roughness. . .)