Advanced Infrastructure Materials Research Lab

Surface Tension

Electrostatic Forces



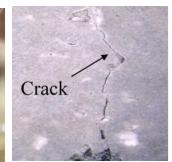
Ali Ghahremaninezhad

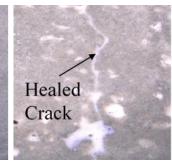
Bio-Inspired Self-Healing Resilient Concrete



Hydrophobicity







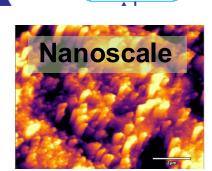
Machine Learning for Extremely Durable and Sustainable Concrete

Bio-inspiration + Nanotechnology

Corrosion Resistant Technology

UNIVERSITY OF MIAMI





- Air-entraining agent properties porosity, void size and spacing
- Superplasticizing agent properties
 Flowability
- Shrinkage reducing agent properties Autogenous shrinkage
- · Foam properties





Driving Multidisciplinary Research to Provide Technology for Adaptive, Safe, and Resilient Infrastructure

https://www.adv-infrastructure.com/