

## Cristina Zanotti

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### Research Theme

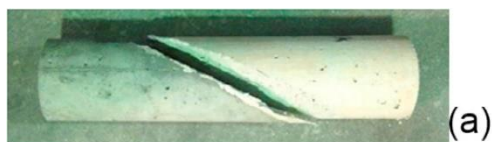
Building and Construction Materials and Manufacturing (BCMM)

### Research Areas

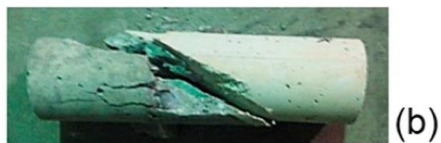
- Cement & Concrete Composites
- Sustainable Alternative Cements & Supplementary Cementing Materials
- Recycling Industrial By-Products in Concrete
- Bonding, Sealing, and Interfaces in Cement Systems
- Concrete Infrastructure: Durability & Repair
- Fiber Reinforcement

### Research Facilities/Tools

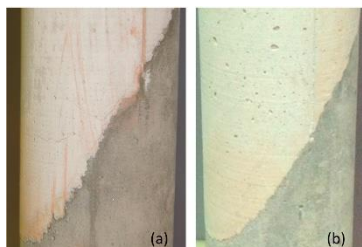
- Concrete testing (mechanical, durability)
- Bond/sealing tests
- Digital Image Correlation
- Micro-hardness tests
- CO<sub>2</sub> diffusion and capturing in concrete
- Numerical analysis of concrete structures



(a)

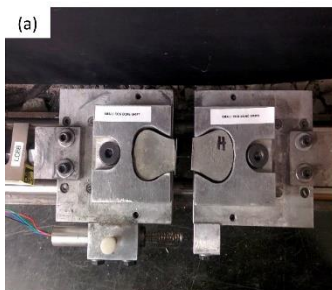


(b)

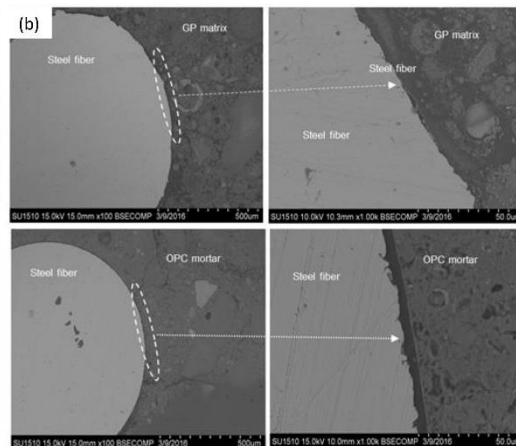


(a)

(b)



(a)



(b)