



Prof. LEVENT DEMİREL

Chemistry Department

Ph. D., 1996, University of Illinois
at Urbana-Champaign

M.S., 1991, University of Illinois
at Urbana-Champaign

B.S., 1989, Boğaziçi University

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AFFILIATIONS

- Chemistry Department

RESEARCH AREAS

Surface and polymer physical chemistry; functional materials; self-assembly of polymers.

HIGHLIGHTS

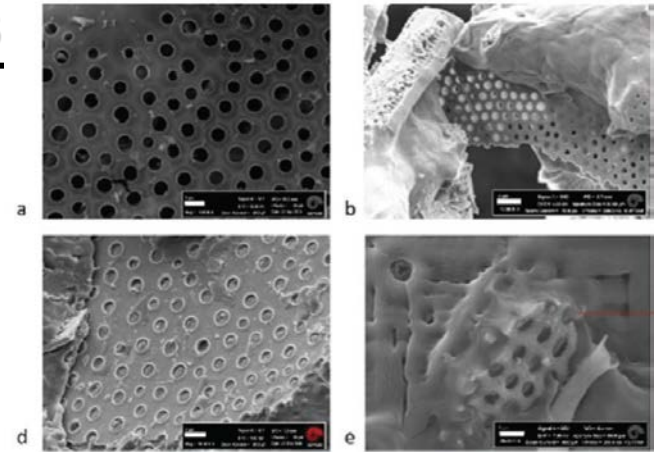
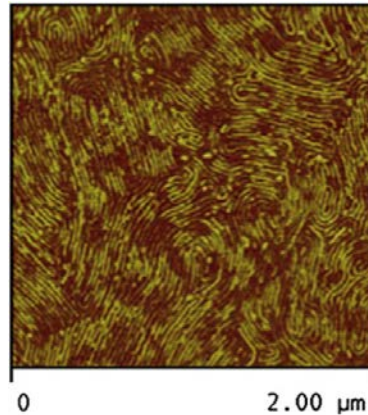
- 100+ refereed publications
- Member, Science Academy, İstanbul

Functional Materials

- Anti-Icing
- Anti-bacterial
- Easy-to-clean

POLYMER COMPOSITES

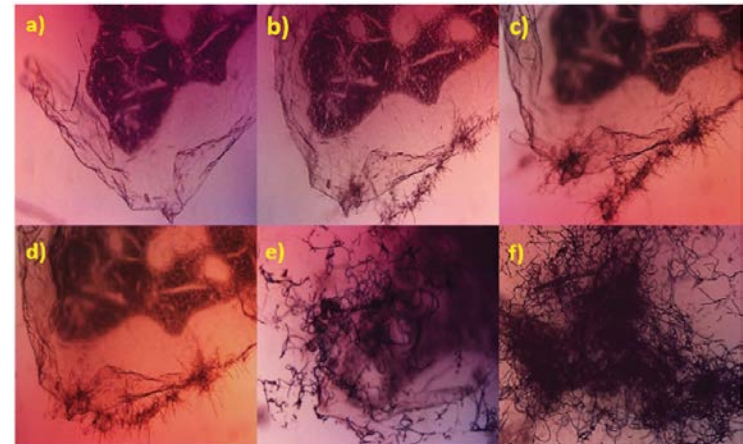
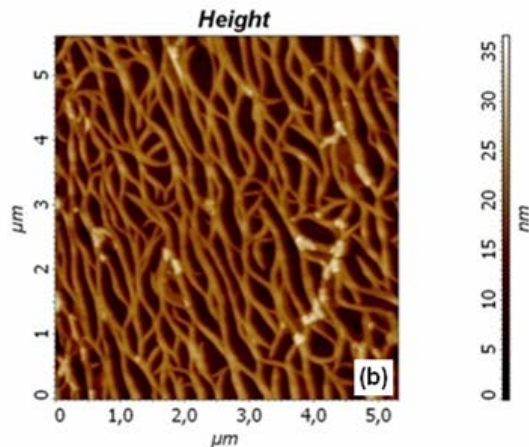
THIN FILMS & COATINGS



Self-Assembly of Polymers

FIBERS

GELATION



MSCA Postdoctoral Fellowship

Prof. Levent Demirel is seeking a post-doctoral candidate to support, write and apply for a [Marie Skłodowska-Curie Actions individual fellowship](#) (MSCA-IF) to be conducted in his research laboratories in Chemistry Department at Koç University, Istanbul, Turkey.

Prof. Demirel's research focuses on polymer and surface physical chemistry with emphasis on polymeric smart materials, self-assembly and functional coatings. If you are interested in applying, please get in touch with Prof. Demirel: ldemirel@ku.edu.tr

Possible Research Topics

- Polymer electrolytes for batteries
- Stimuli responsive self-organizing polymer/nanoparticle systems
- Metal coordination in self-assembly of water soluble polymers
- Metal-organic polyhedra