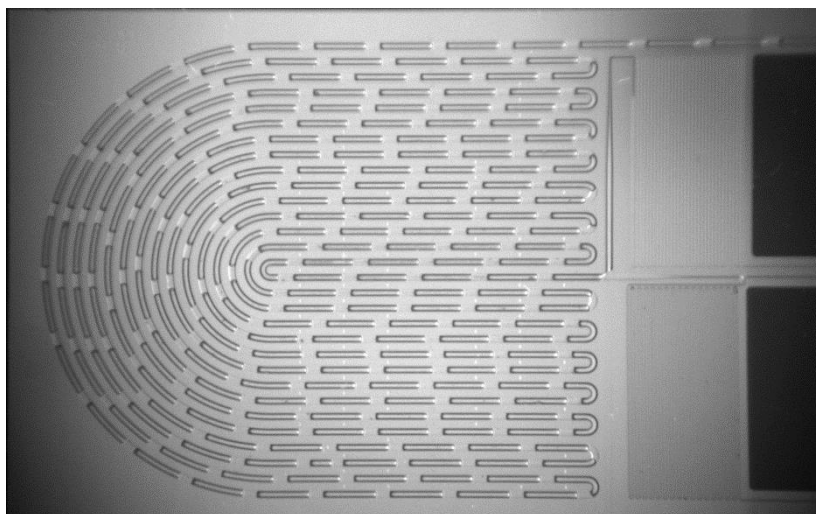
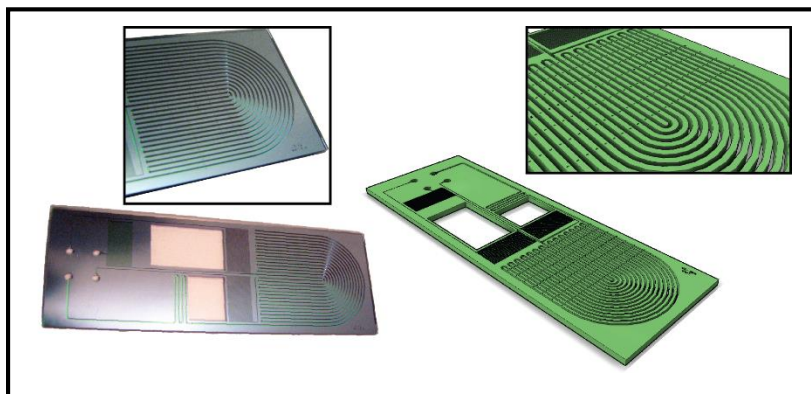




Automated Reactions

Our research group is developing automated microfluidic platforms for the preparation of colloidal nanomaterials that have a wide range of applications including solar cells, light emitting diodes, lasers and biological labels.

The summer research project will be focused on screening different reactions with in-line spectroscopic analysis, using a computer-controlled approach. Further modifications will be made to codes that were previously developed in LabView and Matlab.



Please send your CV and (unofficial) transcripts to Prof. Axel Guenther at axel.guenther@utoronto.ca.

Qualifications:

- Proficiency in LabView and Matlab required
- 'Interest (and ideally background) in chemical reaction engineering
- Interest (ideally background) in nanomaterials preparation

Supervisor: Prof. Axel Guenther
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