

# Design of water-ice solidification system

## PROJECT DESCRIPTION

This project considers the important problem of directional solidification which is commonly happening in the large number of process systems (crystal growth industry, steel processing, alloy processing). The main goal of this project is to design the solidification system for the ice-water system and to provide design and manufacture the components of the robust experimental system design.

## FACULTY-DEPARTMENT

Engineering - Chemical and Materials

## OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS

Chinese universities participating in the [\*Double First-Class Initiative\*](#).

## DESIRED FIELD OF STUDENT STUDY

Mechanical Engineering, Electrical Engineering, Chemical Engineering

## INTERNSHIP LOCATION

Edmonton Campus

## NUMBER OF INTERNSHIP POSITIONS

2

## INTERNSHIP DATES

Start: July 20, 2019

End: October 20, 2019

## ARE THE DATES FLEXIBLE?

Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.