

Research, Informatics and Graduate Studies

<https://sites.gtiit.edu.cn/research/positions/gs2020012/>

PhD/Master (MSc) in Computational Materials Science (GS-2020012) – Group of Prof. Nan Wang

Project Details

The Materials Science and Engineering Program (group of Nan Wang) is looking for 2 Master/Ph.D. students to conduct research projects in computational materials science related to additive manufacturing technology and nano-electronics using mesoscopic, atomistic and electronic simulation methods. The research will be carried out in Guangdong Technion and Technion – Israel institute of technology. Academic degree from Technion- Israel institute of Technology will be granted upon successful completion of the program.

Selection Criteria

- Master degree(or equivalent) in Physics, Material Science or other closely related fields for Ph.D. applicant (essential)
- Bachelor degree(or equivalent) in Physics, Material Science or other closely related fields for Master applicant (essential)
- Strong interest in non-equilibrium phenomenon and mesoscopic science (essential)
- Good knowledge in engineering materials and computational methods (preferable)
- Good skill in programming language (preferable)
- Good communication skills, good command of English (essential)
- Ability to work independently as well as in a team environment (essential)
- Ability to author scientific reports and co-author scientific publications (essential)
- The PhD candidate must fulfill the requirements for admission to the Technion Graduate School and needs to comply with its regulations leading to the Ph.D./Master degree: http://www.graduate.technion.ac.il/Eng/Prospective_students/Prospective_students_main_page.asp

Program

Materials Sciences and Engineering

Research Area

Computational Materials Science

Contacts

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[Web Page Link](#)

Application Deadline

Open till filled

Location

Guangdong Technion – Israel Institute of Technology (GTIIT), China & Technion-Israel Institute of Technology, Haifa

Date Posted

01 December 2020

[Fees & Finance](#)

how to apply